

PONY

# Math



SECOND  
TERM



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# Lesson

# 1

## Lengths

## الأطوال

Taller than	} أطول من	The tallest	} الأطول
Longer than		The longest	
Shorter than	أقصر من	The shortest	الأقصر

**Ex.** "Tall" is used for the vertical lengths.

Adam is **shorter than** Zeiad.

آدم أقصر من زياد

Adam is **shorter than** Ahmed.

آدم أقصر من أحمد

Adam is **the shortest** boy.

آدم أقصر ولد

Ahmed is **taller than** Zeiad.

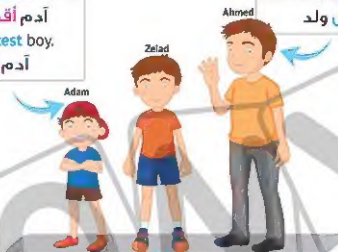
أحمد أطول من زياد

Ahmed is **taller than** Adam.

أحمد أطول من آدم

Ahmed is **the tallest** boy.

أحمد أطول ولد



Zeiad is **taller than** Adam.

زياد أطول من آدم

Zeiad is **shorter than** Ahmed.

زياد أقصر من أحمد

### The Order of Children

From the tallest to the shortest

من الأطول إلى الأقصر

Ahmed - Zeiad - Adam

From the shortest to the tallest

من الأقصر إلى الأطول

Adam - Zeiad - Ahmed

1 Complete using **taller than** or **shorter than**:

- a Sama is ..... Mark.  
 b Nada is ..... Mark.  
 c Mark is ..... Nada.  
 d Sama is ..... Nada.  
 e Mark is ..... Sama.  
 f Nada is ..... Sama.



2 Arrange the children from the **shortest** to the **tallest**, then complete:



- a The order: .....  
 b The **tallest** child is .....  
 c The **shortest** child is .....

**Ex.** "Long" is used for the horizontal lengths.

The eraser is **shorter than** the ruler.

الممحاة أقصر من المسطرة

The eraser is **shorter than** the pencil.

الممحاة أقصر من القلم

The eraser is **the shortest**.

الممحاة هي الأقصر

The ruler is **longer than** the pencil.

المسطرة أطول من القلم

The ruler is **longer than** the eraser.

المسطرة أطول من المحاة

The ruler is **the longest**.

المسطرة هي الأطول



The pencil is **shorter than** the ruler.

القلم أقصر من المسطرة

The pencil is **longer than** the eraser.

القلم أطول من المحاة

### The Order

From the tallest to the shortest

من الأطول إلى الأقصر

Ruler - Pencil - Eraser

From the shortest to the tallest

من الأقصر إلى الأطول

Eraser - Pencil - Ruler

**3** Arrange the stripes from the **longest** to the **shortest**:

**Longest**

a

b

c

d




**Shortest**

- 4 Color the **longest** stripe with **red** and the **shortest** stripe with **blue**:



### Length measurement in non-standard units

The length of a pencil can be measured in **non-standard units**, such as:

• Pin

• Eraser



The length is: 5



The length is: 3

- 5 Measure the **length** of each of the following objects using the as a unit of length:



- 6 Consider the length of the small square as a unit for measuring the length. Write the measure of each line under it:





# HOMework



1 Complete using **taller than** or **shorter than**:

- a Ali is ..... Hana.  
 b Ali is ..... Omar.  
 c Fady is ..... Ali.  
 d Fady is ..... Omar.  
 e Fady is ..... Hana.  
 f Omar is ..... Ali. g Omar is ..... Fady.  
 h Hana is ..... Ali. i Hana is ..... Fady.

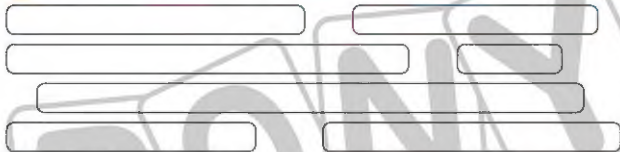


2 Arrange the children from the **shortest** to the **tallest**, then complete:

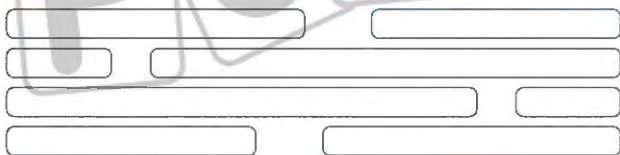


- a The order: .....  
 .....  
 b The **tallest** child is .....  
 c The **shortest** child is .....

- 3 Color the **longest** stripe with **red** and the **shortest** stripe with **blue**:



- 4 Color the stripes that have the **same length** with the **same color**:



- 5 Arrange the stripes from the **longest** to the **shortest**:

**Longest**

Order:

Order:



**Shortest**

- 6 Arrange the stripes from the **shortest** to the **longest**:

Order:

Order:

**Shortest**

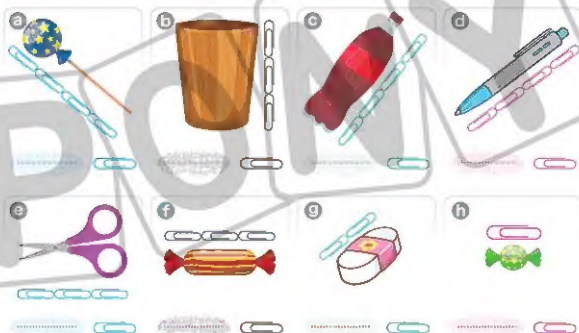
**Longest**



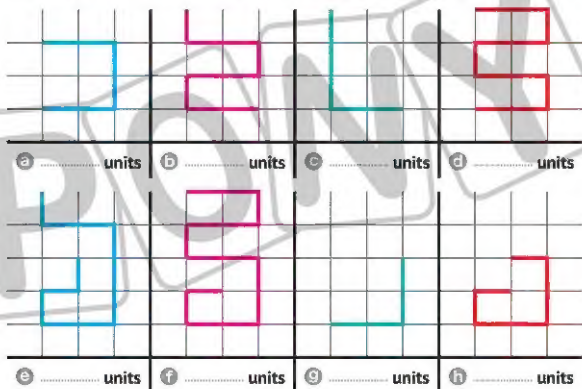


# LESSON 1 Length

- 7** Measure the **length** of each of the following objects. Use the  as a unit of length:



- 8** Consider the **length** of the small square as a unit for measuring the length. Write the measure of each line under it:





# Worksheet

# 1



**First:** Find the result:

a  $5 + 9 =$  .....

b  $12 - 5 =$  .....

c 
$$\begin{array}{r} 2 \\ + 7 \\ \hline \end{array}$$

d 
$$\begin{array}{r} 12 \\ + 8 \\ \hline \end{array}$$

e 
$$\begin{array}{r} 10 \\ - 9 \\ \hline \end{array}$$

**Second:** Complete the following:

a 1, 2, 3, ....., ....., ....., ....., .....

b The number that comes just **after** 9 is .....

c 5 Tens + 3 Ones = .....

d  $15 - 8 <$  .....

e 95 (in words) = .....

**Third:** Choose the correct answer:

a One hundred (in digits) = ..... (99 or 100 or 10)

b  $13 >$  ..... (19 or 13 or 12)

c The number that comes **before** 18 is ..... (19 or 18 or 17)

d The day that comes **after** Sunday is .....  
(Friday or Monday or Tuesday)

e  $7 +$  .....  $< 12$  ..... (7 or 5 or 4)

**Fourth:** Answer the following:

a Arrange the following numbers in an ascending order:

3, 19, 4, 9, 2

b Complete using (<, = or >):

1  $9 + 7$    $9 - 3$

2 12  Twenty

3  $18 - 8$    $6 + 4$

4 3  Three

# Lesson 2

## Relative Positions

## الأوضاع النسبية

On على - Under تحت

The ball is **on** the table.

الكرة **على** الطاولة



السلة **تحت** الطاولة

The basket is **under** the table.

1 Complete using **on** or **under**:

- a The TV is **on** the table
- b The TV is **under** the vase.
- c The table is **under** the TV.
- d The vase is **on** the TV.



In front of أمام - Behind خلف

The dog is **in front of** house.

الكلب **أمام** المنزل



The cat is **behind** the house.

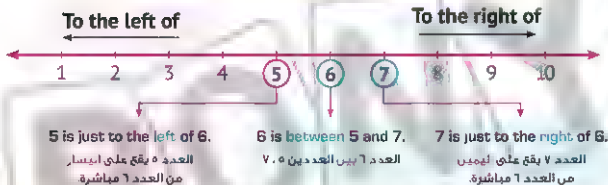
القطعة **خلف** المنزل

2 Complete the following:

- a Ahmed is **in front of**
- b Salah is **behind**
- c **is in front of** Nada.
- d **is behind** Salah.



## Left يسار - Between بين - Right يمين



### 3 Complete the following:

- a The number to the **right** of 5 is .
- b The number to the **right** of 12 is .
- c The number to the **left** of 9 is .
- d The number to the **left** of 19 is .
- e The number which is **between** 9 and 11 is .
- f The number which is **between** 4 and 6 is .

## Inside داخل - Outside خارج

There are 3 hens  
**inside** the coop.

يوجد ٣ دجاجات  
داخل الحظيرة



There are 2 hens  
**outside** the coop.

توجد دجاجتان  
خارج الحظيرة



### 4 Complete the following:

- a There are ..... birds **inside** the cage.
- b There are ..... birds **outside** the cage.



Top أعلى - Bottom أسفل

The monkey is **on**  
the **top** of the tree.

القرود أعلى الشجرة



The lion is **at** the  
**bottom** of the tree.

الأسد أسفل الشجرة

5 Complete the following:

- a) \_\_\_\_\_ is on the **top** bed.  
b) \_\_\_\_\_ is at the **bottom** bed.



6 Choose the correct answer:



- a) The cat is \_\_\_\_\_ the bus. (on or under or inside)  
b) The dog is \_\_\_\_\_ the bus. (on or in front of or under)  
c) The boy is \_\_\_\_\_ the bus. (behind or outside or inside)  
d) The girl is \_\_\_\_\_ the bus. (behind or in front of or under)  
e) The car is \_\_\_\_\_ the bus. (on or behind or in front of)

# HOMework



أمام

In front of

خلف

Behind

على

On

تحت

Under



بين

Between

بين

داخل

Inside

داخل

خارج

Outside

خارج

Handwriting practice lines for the word 'Between' in Arabic.

Handwriting practice lines for the word 'Inside' in Arabic.

Handwriting practice lines for the word 'Outside' in Arabic.

Handwriting practice lines for the word 'Between' in Arabic.

Handwriting practice lines for the word 'Inside' in Arabic.

Handwriting practice lines for the word 'Outside' in Arabic.

أسفل

Bottom

أعلى

Top

يسار

Left

يمين

Right

P

O

N

Y

P

O

N

Y

1 Complete using **on** or **under**:

- a The vase is \_\_\_\_\_ the TV.
- b The TV is \_\_\_\_\_ the vase.
- c The table is \_\_\_\_\_ the TV.
- d The TV is \_\_\_\_\_ the table.

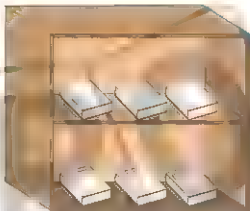


2 Draw:

- a Draw 5 books **on** the table.
- b Draw 3 balls **under** the table.



3 Color the books **under** the shelf:



Color the balls **on** the table:



## 4 Complete the following:

- a Ahmed is in front of \_\_\_\_\_.
- b Salah is in front of \_\_\_\_\_.
- c Salah is behind \_\_\_\_\_.
- d Nada is behind \_\_\_\_\_.
- e \_\_\_\_\_ is in front of Nada.
- f \_\_\_\_\_ is in front of Salah.
- g \_\_\_\_\_ is behind Salah.
- h \_\_\_\_\_ is behind Ahmed.



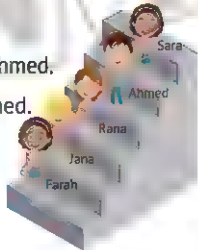
## 5 Complete using in front of or behind:

- a The dog is \_\_\_\_\_ the tree.
- b The monkey is \_\_\_\_\_ the tree.

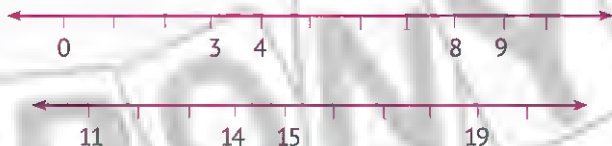


## 6 Complete the following:

- a \_\_\_\_\_ is behind Ahmed.
- b \_\_\_\_\_ is in front of Ahmed.
- c There is/are \_\_\_\_\_ girl(s) in front of Ahmed.
- d There is/are \_\_\_\_\_ girl(s) behind Ahmed.
- e Farah is in front of \_\_\_\_\_.
- f \_\_\_\_\_ is behind Jana.



**7** Complete the following:



- a The number to the right of 8 is \_\_\_\_\_.
- b The number to the right of 5 is \_\_\_\_\_.
- c The number to the right of 12 is \_\_\_\_\_.
- d The number to the right of 15 is \_\_\_\_\_.
- e The number to the left of 3 is \_\_\_\_\_.
- f The number to the left of 1 is \_\_\_\_\_.
- g The number to the left of 19 is \_\_\_\_\_.
- h The number to the left of 11 is \_\_\_\_\_.
- i The number which is between 5 and 7 is \_\_\_\_\_.
- j The number which is between 18 and 20 is \_\_\_\_\_.
- k The number which is between 13 and 15 is \_\_\_\_\_.
- l The number which is between 9 and 11 is \_\_\_\_\_.
- m The number to the right of 13 is \_\_\_\_\_.
- n The number to the left of 2 is \_\_\_\_\_.
- o The number which is between 16 and 18 is \_\_\_\_\_.

## 8 Complete the following:

- a There are \_\_\_\_\_ hens **inside** the cage.
- b There are \_\_\_\_\_ hens **outside** the cage.



## 9 Complete the following:

- a There are \_\_\_\_\_ birds **inside** the cage.
- b There are \_\_\_\_\_ birds **outside** the cage.



## 10 Complete the following:

- a There are \_\_\_\_\_ dogs **inside** the cage.
- b There are \_\_\_\_\_ dogs **outside** the cage.

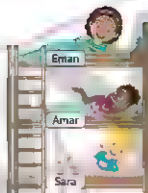
11 Color the apples **inside** the box.



12 Complete the following:

a \_\_\_\_\_ is on  
the **top** bed.

b \_\_\_\_\_ is at  
the **bottom** bed.



13 Complete using **top** or **bottom**:

a The monkey is on the \_\_\_\_\_  
of the tree.

b The lion is at the \_\_\_\_\_  
of the tree.



14 Match each picture to its **position** from the car:



Inside  
**1**

Under  
**2**

In front of  
**3**

Behind  
**4**

On  
**5**

# Worksheet

# 2



Match:

a  $2 + 2$

b  $3 + 3$

c  $4 + 4$

d  $5 + 5$

e  $6 + 6$

$8 - 2$  1

$11 - 7$  2

$17 - 5$  3

$12 - 4$  4

$15 - 5$  5

Complete the following:

a 10, 20, 30, 40,

b The number that comes just **before** 10 is

c Ones + Tens = 95

d 73 (in words) =

e  $8 +$  = 15

Choose the correct answer:

a Seventeen (in digits) = ( 17 or 71 or 70 )

b 5 < ( 6 or 5 or 0 )

c The number that comes just **after** 18 is ( 19 or 18 or 17 )

d The day that comes just **after** Thursday is  
( Friday or Monday or Tuesday )

e 5 Tens + 8 Ones = ( 58 or 85 or 55 )

Answer the following:

a Arrange the following numbers in a descending order:

10 , 11 , 1 , 0 , 15

b Complete using (< , = or >):

1  $8 + 2$

$13 - 3$

2  $8$

Eight

3  $10 - 8$

$1 + 3$

4  $10$

Fifteen

c The price of:



2 LE



7 LE



9 LE

1



and



=

+

LE

2



and



=

+

LE

# Lesson

# 3

## Ordinal Numbers

## الأعداد الترتيبية



1 Write the order of the **encircled** picture:

a



b



c



d



2 Circle according to the **order**:

a

First



b

Third



c

Fifth



d

Seventh





# HOMework

First

Second

Third

Fourth

Fifth

First

Second

Third

Fourth

Fifth

First

Second

Third

Fourth

Fifth

First

Second

Third

Fourth

Fifth

First

Second

Third

Fourth

Fifth

First

Second

Third

Fourth

Fifth

Sixth

Seventh

Eighth

Ninth

Tenth



1 Write the order of the encircled picture:



## 2 Circle according to the order:



First



Third



Fifth



Seventh



Ninth



Tenth



Fourth



Eighth



# Worksheet

# 3

Find the result:

a  $7 + 6 =$

c  $3$

d  $8$

e  $14$

b  $15 - 3 =$

$+ 2$

$+ 9$

$- 9$

Complete using (<, = or >):

a  $8 - 8$  ( )  $10 + 10$

b  $3$  ( ) Three

c  $20 - 4$  ( )  $7 + 7$

d  $18$  Eight

Choose the correct answer:

a Seventy-two (in digits) =

( 72 or 27 or 77 )

b  $19 >$

( 19 or 20 or 18 )

c The number that comes just after 19 is

( 19 or 20 or 18 )

d 7 Ones + 3 Tens =

( 77 or 73 or 37 )

e  $5 +$  > 8

( 4 or 2 or 3 )

Answer the following:

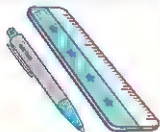
a Arrange the following numbers in an ascending order:

5, 8, 12, 20, 6

b Mona bought a pen for 12 LE and a ruler for 8 LE.

How much money did Mona pay?

• Mona paid = + = LE



# Lesson

## 4

### Before and After

One more

أكبر بواحد

&

One less

أقل بواحد

20 comes just **after** 19.

العدد ٢٠ هو العدد التالي مباشرة للعدد ١٩

20 is **one more** than 19.

العدد ٢٠ أكبر بواحد من العدد ١٩

20 comes just **before** 21.

العدد ٢٠ هو العدد السابق مباشرة للعدد ٢١

20 is **one less** than 21.

العدد ٢٠ أقل بواحد من العدد ٢١



19 comes just **before** 20.

العدد ١٩ هو العدد السابق مباشرة للعدد ٢٠

19 is **one less** than 20.

العدد ١٩ أقل بواحد من العدد ٢٠

21 comes just **after** 20.

العدد ٢١ هو العدد التالي مباشرة للعدد ٢٠

21 is **one more** than 20.

العدد ٢١ أكبر بواحد من العدد ٢٠

### 1 Complete the following:

- a 35 comes just **after** .....
- b 46 comes just **after** .....
- c ..... comes just **after** 28.
- d ..... comes just **after** 29.
- e The number that comes just **after** 73 is .....
- f The number that comes just **after** 89 is .....
- g 21 comes just **before** .....

- h 92 comes just **before** .  
i . comes just **before** 15.  
j . comes just **before** 20.  
k The number that comes just **before** 62 is .  
l The number that comes just **before** 70 is .

2 Complete the following (as in the example):

**Ex.** 28  $\leftarrow$  One more than  $\rightarrow$  29  $\leftarrow$  One less than  $\rightarrow$  30

a  $\leftarrow$  One more than  $\rightarrow$  35  $\leftarrow$  One less than  $\rightarrow$  .

b  $\leftarrow$  One more than  $\rightarrow$  74  $\leftarrow$  One less than  $\rightarrow$  .

c  $\leftarrow$  One more than  $\rightarrow$  48  $\leftarrow$  One less than  $\rightarrow$  .

3 Complete the following:

- a 25 is **one more** than .  
b . is **one more** than 16.  
c 40 is **one more** than .  
d . is **one more** than 69.  
e 77 is **one less** than .  
f 79 is **one less** than .  
g . is **one less** than 85.  
h . is **one less** than 100.

# HOMework



قبل

Before

Before

بعد

After

After



أقل بواحد

One less

أكبر بواحد

One more

**1 Complete the following:**

- a** 15 comes just **after** .....
- b** 26 comes just **after** .....
- c** 39 comes just **after** .....
- d** ..... comes just **after** 42.
- e** ..... comes just **after** 50.
- f** ..... comes just **after** 63.
- g** The number that comes just **after** 79 is .....
- h** The number that comes just **after** 82 is .....
- i** The number that comes just **after** 94 is .....
- j** 17 comes just **before** .....
- k** 20 comes just **before** .....
- l** 39 comes just **before** .....
- m** ..... comes just **before** 40.
- n** ..... comes just **before** 57.
- o** ..... comes just **before** 69.
- p** The number that comes just **before** 72 is .....
- q** The number that comes just **before** 80 is .....
- r** The number that comes just **before** 93 is .....

2 Write the number which comes just **after**:

a 16

f 64

b 27

g 73

c 38

h 89

d 49

i 90

e 55

j 29

3 Write the number which comes just **before**:

a 91

f 46

b 82

g 30

c 73

h 27

d 64

i 10

e 55

j 60

**4 Complete the following:**

a      ← One more than **18**      One less than →

b      ← One more than **35**      One less than →

c      ← One more than **40**      One less than →

d      **85**      ← One more than      One less than →

e      **36**      ← One more than      One less than →

f      ← One more than      One less than → **47**

g      ← One more than      One less than → **98**

h      ← One more than      One less than → **50**

i      **68**      ← One more than      One less than →

5 Complete the following:

- a 32 is **one more** than .....
- b 41 is **one more** than .....
- c 75 is **one more** than .....
- d 90 is **one more** than .....
- e ..... is **one more** than 39.
- f ..... is **one more** than 59.
- g ..... is **one more** than 65.
- h ..... is **one more** than 79.
- i 85 is **one less** than .....
- j 89 is **one less** than .....
- k 46 is **one less** than .....
- l 57 is **one less** than .....
- m ..... is **one less** than 70.
- n ..... is **one less** than 51.
- o ..... is **one less** than 32.
- p ..... is **one less** than 90.

# Worksheet 4



Choose the correct answer:

- a Fifty-eight (in digits) = ( 85 or 58 or 88 )  
b \_\_\_\_\_ comes just after 45. ( 44 or 45 or 46 )  
c \_\_\_\_\_ comes just before 81. ( 80 or 81 or 82 )  
d 21 ( in words ): ( Twelve or Twenty-two or Twenty-one )  
e Ninety-two ( in digits ) = ( 92 or 99 or 29 )

Complete the following:

- a Sixty-seven (in digits):  
b 40 comes just after  
c 73 comes just before  
d 82 (in words) =  
e 42, 43, 44 ,

Answer the following:

a Write the number which comes just after:

1 56 →

2 79 →

3 30 →

b Write the number which comes just before:

1 → 72

2 → 50

3 → 17

# Lesson

## 5

### Money

النقود

#### Egyptian Banknotes

أوراق النقود المصرية



One pound

1 LE جنيه واحد

#### Pound (LE)

جنيه مصري



Five pounds

5 LE خمسة جنيهات



Ten pounds

10 LE عشرة جنيهات



Twenty pounds

20 LE عشرون جنيهًا



Fifty pounds

50 LE خمسون جنيهًا



One hundred pounds

100 LE مائة جنيه

# Decomposing Money تحليل النقود



$$5 \text{ LE} = 1 \text{ LE} + 1 \text{ LE} + 1 \text{ LE} + 1 \text{ LE} + 1 \text{ LE}$$



$$10 \text{ LE} = 1 \text{ LE} + 1 \text{ LE} + 1 \text{ LE} + 1 \text{ LE} + 1 \text{ LE} + 1 \text{ LE} + 1 \text{ LE} + 1 \text{ LE} + 1 \text{ LE} + 1 \text{ LE}$$

$$5 \text{ LE} + 1 \text{ LE} + 1 \text{ LE} + 1 \text{ LE} + 1 \text{ LE} + 1 \text{ LE}$$

$$5 \text{ LE} + 5 \text{ LE}$$





**20 LE =**

$$\begin{aligned}
 &10 \text{ LE} + 10 \text{ LE} \\
 &10 \text{ LE} + 5 \text{ LE} + 5 \text{ LE} \\
 &10 \text{ LE} + 5 \text{ LE} + 1 \text{ LE} + 1 \text{ LE} + 1 \text{ LE} + 1 \text{ LE} + 1 \text{ LE} \\
 &5 \text{ LE} + 5 \text{ LE} + 5 \text{ LE} + 5 \text{ LE}
 \end{aligned}$$



**50 LE =**

$$\begin{aligned}
 &20 \text{ LE} + 20 \text{ LE} + 10 \text{ LE} \\
 &10 \text{ LE} + 10 \text{ LE} + 10 \text{ LE} + 10 \text{ LE} + 10 \text{ LE} \\
 &10 \text{ LE} + 10 \text{ LE} + 10 \text{ LE} + 10 \text{ LE} + 5 \text{ LE} + 5 \text{ LE}
 \end{aligned}$$

# 1 Calculate the amount of money:

Ex.



34 LE

Ex.



97 LE

a



LE

b



LE

c



LE

d



LE

2 Draw according to the amount of money:

**Ex.**

50 LE   1 LE   1 LE

10 LE   1 LE   1 LE

64 LE

**a**

**Ex.**

20 LE   5 LE

20 LE   1 LE   1 LE

47 LE

**b**

95 LE

**c**

52 LE

**d**



29 LE



47 LE



# HOMESCHOOL







1 Match the equal amounts of money:

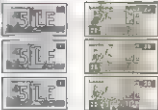

a   1

b   2

c   3

d   4

e   5

f   6

2 Calculate the amount of money:

a



b



c



d



e



f



g



LE

h



LE

i



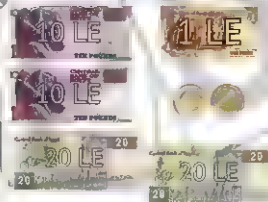
LE

j



LE

k



LE

l



LE

3 Draw according to the amount of money:

a

b

c

d

25 LE

64 LE

e

f

75 LE

41 LE

56 LE

47 LE

g

h

P

17 LE

O

N

Y

91 LE

i

j

82 LE

33 LE

P

O

N

Y

k

l

28 LE

70 LE





# Worksheet

# 5

Find the result:

a  $7 + 7 =$

c  $11$

d  $8$

e  $15$

b  $20 - 4 =$

$+ 6$

$+ 9$

$- 8$

Complete the following:

a 5, 6, 7, ...

b The number that comes just **after** 49 is

c is **one less** than 15.

d  $15 - 8 <$

e 19 (in words)

Choose the correct answer:

a Sixty-nine (in digits) = ( 99 or 69 or 96 )

b  $8 >$  ( 7 or 8 or 9 )

c The number that comes just **before** 45 is ( 44 or 45 or 46 )

d The day that comes just **before** Tuesday is ( Friday or Monday or Tuesday )

Fourth: Answer the following:

a Arrange in a descending order:

4, 7, 11, 14, 17

b Complete using ( $<$ ,  $=$  or  $>$ ):

1  $19 + 1$  (  $19 - 1$  )

2  $17$  ( Seven )

3  $15 - 8$  (  $3 + 4$  )

4  $6$  ( Eight )

# Lesson

## 6

### Place Value

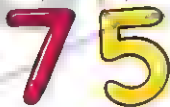
### القيمة المكانية

The place value of the digit 7 is **Tens**.

القيمة المكانية للرقم ٧ هي عشرات

The place value of the digit 5 is **Ones**.

القيمة المكانية للرقم ٥ هي أحاد



The value of the digit 7 is **70**.

قيمة الرقم ٧ هي ٧٠

The value of the digit 5 is **5**.

قيمة الرقم ٥ هي ٥

1 Write the **place value** of the digit 4 in each of the following:

a 54:

b 48:

c 45:

d 4:

2 Write the **value** of the digit 5 in each of the following:

a 58:

b 57:

c 58:

d 95:

e 85:

f 5:

3 Write the **value** and the **place value** of the encircled digit:

	Number	Value	Place Value
a	6 7		
b	5 9		
c	3 0		
d	4 9		

4 Circle the **value** of the underlined digit:

a 36

b 89

30 , 6

80 , 8

c 27

d 63

70 , 7

60 , 6

e 93

f 27

90 , 9

20 , 2

g 54

h 20

40 , 4

10 , 0

5 Complete the following:

**Ex.**  $56 = 50 + 6$

a  $86 = \dots + \dots$

f  $89 = \dots + \dots$

b  $28 = 20 + \dots$

g  $97 = \dots + 90$

c  $\dots = 90 + 7$

h  $\dots = 40 + 2$

d  $\dots = 2 + 30$

i  $\dots = 60 + 5$

e  $45 = \dots + \dots$

j  $38 = \dots + \dots$

6 Complete the following:

a  $\begin{array}{r} 26 \\ \overline{20} + \end{array}$

b  $\begin{array}{r} 37 \\ \overline{\phantom{30}} + 7 \end{array}$

c  $\begin{array}{r} 80 \\ \overline{\phantom{80}} + \end{array}$

d  $\begin{array}{r} \phantom{30} \\ \overline{40} + 8 \end{array}$

# HOMWORK



1 Write the **place value** of the digit **7** in each of the following:

a 73:

b 37:

c 27:...

d 72:

e 75:

f 7:

g 57:

h 70:

i 71:

j 97:

k 17:

l 78:

2 Write the **value** of the digit **8** in each of the following:

a 58:

b 80:

c 82:

d 85:

e 87:

f 78:

g 89:

h 98:

i 48:

j 83:

k 68:

l 8:

3 Write the **value** and the **place value** of the encircled digit:

	Number	Value	Place Value
a	1 5		
b	3 4		
c	6 8		
d	2 0		
e	3 7		
f	6 2		
g	8 9		
h	1 7		
i	8 4		

4 Circle the **value** of the underlined digit:

 a 56

50, 5

 b 28

20, 2

 c 36

60, 6

 d 87

70, 7

 e 59

90, 9

 f 37

70, 7

 g 50

10, 0

 h 83

80, 8

 i 32

20, 2

 j 56

50, 5

 k 97

90, 9

 l 38

30, 3

 m 14

10, 1

 n 69

90, 9

 o 51

10, 1

 p 43

40, 4

## 5 Complete the following:

a  $53 = \dots + \dots$

K  $63 = \dots + \dots$

b  $79 = \dots + \dots$

l  $72 = \dots + \dots$

c  $68 = \dots + \dots$

m  $95 = \dots + \dots$

d  $88 = \dots + \dots$

n  $37 = \dots + \dots$

e  $76 = 70 + \dots$

o  $27 = \dots + 7$

f  $\dots = 50 + 2$

p  $\dots = 30 + 2$

g  $\dots = 20 + 5$

q  $\dots = 4 + 90$

h  $\dots = 90 + 2$

r  $\dots = 70 + 3$

i  $\dots = 20 + 9$

s  $\dots = 5 + 80$

j  $\dots = 5 + 30$

t  $\dots = 5 + 20$

## 6 Complete the following:

a

$$\begin{array}{r} 35 \\ + \phantom{00} \\ \hline \end{array}$$

b

$$\begin{array}{r} 69 \\ + \phantom{00} \\ \hline \end{array}$$

c

$$\begin{array}{r} 26 \\ + \phantom{00} \\ \hline \end{array}$$

d

$$\begin{array}{r} 80 \\ + \phantom{00} 6 \\ \hline \end{array}$$

e

$$\begin{array}{r} 70 \\ + \phantom{00} 5 \\ \hline \end{array}$$

f

$$\begin{array}{r} 50 \\ + \phantom{00} 8 \\ \hline \end{array}$$

## 7 Complete the following:

a The **value** of the digit 5 in 56 is .b The **value** of the digit 3 in 63 is .c The **place value** of 5 in 35 is .d The **place value** of 7 in 76 is .e  $30 + 2 =$ f  $70 + 5 =$ g  $56 =$ h  $98 =$ 

i 5 Tens + 6 Ones =

j 5 Ones + 3 Tens =

k Tens + Ones = 42

l Ones + Tens = 81

# Worksheet

# 6



Choose the correct answer:

- a Thirty-five (in digits) = ( 30 or 35 or 53 )
- b 5 Tens + 2 Ones = ( 52 or 25 or 70 )
- c  $5 + 40 =$  ( 54 or 90 or 45 )
- d The value of the digit 7 in the Tens place is ( 7 or 70 or 17 )
- e The number that comes just after 29 is ( 28 or 30 or 29 )

Complete the following:

- a  $75 = 5 +$
- b The value of the digit 5 in 58 is
- c 25, 26, 27, 28, , , ,
- d 45 LE = 20 LE + LE + LE
- e The number that comes just before 70 is

Answer the following:

a Find the result:

1  $5 + 8 =$  2  $15 - 8 =$

b Complete the following:

- 1 Ahmed is in front of
- 2 Salah is behind
- 3 is in front of Nada.
- 4 is behind Salah.



c Calculate the amount of money:



LE



# Lesson

# 7

## Ones and Tens

الأحاد والعشرات



Ten

1 Ten

= 10 Ones

= 10 (Ten)



Ten



Ten

2 Tens

= 20 Ones

= 20 (Twenty)



Ten



Ten



Ten

3 Tens

= 30 Ones

= 30 (Thirty)

4 Tens = 40 Ones = 40 (Forty)

5 Tens = 50 Ones = 50 (Fifty)

6 Tens = 60 Ones = 60 (Sixty)

7 Tens = 70 Ones = 70 (Seventy)

8 Tens = 80 Ones = 80 (Eighty)

9 Tens = 90 Ones = 90 (Ninety)



Ten



Ten



Ten



Ten



Ten

10 Tens

= 100 Ones

= 100 (One hundred)



Ten



Ten



Ten



Ten



Ten



$$3 + 3 + 3 + 3 = 12$$

$$12 \text{ Ones} = 12$$



$$5 + 5 + 5 + 5 + 5 = 25$$

$$25 \text{ Ones} = 25$$

1 Complete the following:

a 10 Tens =

b 5 Tens =

c 2 Tens =

d Tens = 30

e Tens = 80

f Tens = 90

g 8 Ones =

h 15 Ones =

i 50 Ones =

j Ones = 27

k Ones = 40

l Ones = 6

Ex.

5 Tens + 4 Ones

50 + 4 = 54

T	O
5	4

Fifty four

4 Tens + 5 Ones

40 + 5 = 45

T	O
4	5

Forty five

5 Tens + 4 Ones = 54 (Fifty four)

4 Tens + 5 Ones = 45 (Forty five)

3 Ones + 6 Tens

3 + 60 = 63

T	O
6	3

Sixty three

6 Ones + 3 Tens

6 + 30 = 36

T	O
3	6

Thirty six

3 Ones + 6 Tens = 63 (Sixty three)

6 Ones + 3 Tens = 36 (Thirty six)

**2 Complete (as in the example):**

**Ex.** 8 Tens + 5 Ones = 85 (In words): **Eighty-five**

**a** 7 Tens + 2 Ones = (In words):

**b** 6 Tens + 9 Ones = (In words):

**c** 3 Ones + 8 Tens = (In words):

**d** 2 Ones + 3 Tens = (In words):

**e** 8 Ones + 4 Tens = (In words):

**3 Complete the following:**

**a** Tens + Ones = 75 (In words):

**b** Tens + Ones = 32 (In words):

**c** Tens + Ones = 85 (In words):

**d** Ones + Ten = 12 (In words):

**e** Ones + Tens = 28 (In words):

**f** Ones + Tens = 36 (In words):

# HOMWORK



## 1 Complete the following:

a 1 Ten + 9 Ones = (In words):

b 2 Tens + 7 Ones = (In words):

c 3 Tens + 5 Ones = (In words):

d 4 Tens + 3 Ones = (In words):

e 5 Tens + 1 One = (In words):

f 6 Tens + 8 Ones = (In words):

g 7 Tens + 6 Ones = (In words):

h 4 Ones + 8 Tens = (In words):

i 2 Ones + 9 Tens = (In words):

j 8 Ones + 0 Tens = (In words):

k 7 Ones + 1 Ten = (In words):

l 6 Ones + 2 Tens = (In words):

m 0 Ones + 3 Tens = (In words):

n 5 Ones + 4 Tens = (In words):

## 2 Complete the following:

a Tens + Ones = 99 (In words):

b Tens + Ones = 87 (In words):

c Tens + Ones = 75 (In words):

d Tens + Ones = 63 (In words):

e Tens + One = 51 (In words):

- f Tens + Ones = 48 (In words):
- g Tens + Ones = 36 (In words):
- h Ones + Tens = 24 (In words):
- i Ones + Ten = 12 (In words):
- j Ones + Tens = 8 (In words):
- k Ones + Tens = 20 (In words):
- l Ones + Tens = 49 (In words):
- m Ones + Tens = 58 (In words):
- n Ones + Tens = 67 (In words):

### 3 Complete the following:

- a Tens + Ones = (In words): **Ninety-nine.**
- b Tens + Ones = 95 (In words):
- c 8 Tens + 5 Ones = (In words):
- d Tens + Ones = (In words): **Seventy-two.**
- e Tens + Ones = 31 (In words):
- f 3 Tens + 7 Ones = (In words):
- g Ones + Tens = (In words): **Eighty-three.**
- h Ones + Tens = 84 (In words):
- i 0 Ones + 12 Tens = (In words):
- j Ones + Tens = (In words): **Sixteen.**
- k Ones + Tens = 13 (In words):
- l 5 Ones + 9 Tens = (In words):

## 4 Complete the following:

a 1 Ten =

c 5 Ones =

e 9 Tens =

g 73 Ones =

i 6 Tens =

k 8 Ones =

m 3 Tens =

o 62 Ones =

b 11 Ones =

d 7 Tens =

f 45 Ones =

h 2 Tens =

j 88 Ones =

l 10 Tens =

n 12 Ones =

p 4 Tens =

## 5 Complete the following:

1	2	3		7		10
		13		16	18	
21		24		26		29
	32			37	38	40
		44		46		49
51			55			60
	62	63		66		69
	72		74		77	78   80
	82	83		86		89



# Worksheet

# 7

Choose the correct answer:

- a Sixty-nine (in digits) = ( 99 or 69 or 96 )  
b  $18 >$  ( 17 or 19 or 18 )  
c The number that comes just before 10 is ( 7 or 8 or 9 )  
d The day before Tuesday is ( Friday or Monday or Tuesday )  
e 7 Tens + 3 Ones = ( 73 or 37 or 77 )

Complete the following:

- a 13, 12, 11, .....  
b The number that comes just after 6 is .....  
c 9 Tens + 3 Ones = .....  
d  $15 - 5 <$  .....  
e 63 (in words) = .....

Answer the following:

- a Complete using (<, = or >):

- 1  $19 + 1$        $19 - 1$       2 7      Seventeen  
3  $15 - 8$        $4 + 4$       4 14      Fourteen

- b Yasmina had 20 LE. She bought sweets for 8 LE.

Find the remaining money with Yasmina.

- The remainder = ..... - ..... = ..... LE.

# Lesson

## 8

### Comparing Between Two Numbers [Signs (<, = or >)]

المقارنة بين عددين [بعلامات (<, = , >)]

The  
smallest  
number

العدد  
الأصغر

The  
greatest  
number

العدد  
الأكبر

The  
greatest  
number

العدد  
الأكبر

The  
smallest  
number

العدد  
الأصغر

Less than  
أصغر من

Greater than  
أكبر من

$25 > 18$  is read as: 25 is greater than 18.

٢٥ أكبر من ١٨

$17 < 57$  is read as: 17 is less than 57.

١٧ أصغر من ٥٧

$24 = 24$  is read as: 24 is equal to 24.

٢٤ تساوي ٢٤

1 Complete using (<, = or >):

a 75 68

d Seventy-five 75

b 48 84

e 5 Tens + 3 Ones 35

c 14 14

f 2 + 50 Twenty-five



## 2 Complete the following:

a  $67 <$

d Ninety-one  $>$

b  $70 >$

e Eighty – five  $>$

c  $58$

f 7 Ones + 4 Tens  $>$

- The **greatest** and **smallest** numbers that can be formed from the digits:

**3** and **7**

- The **greatest** number is **73**
- The **smallest** number is **37**

**The greatest** 2-digit number ☐ 99

أكبر عدد مكون من رقمين

**The greatest** 2-same-digit number ☐ 99

أكبر عدد مكون من رقمين متشابهين

**The greatest** 2-different-digit number ☐ 98

أكبر عدد مكون من رقمين مختلفين

**The smallest** 2-digit number ☐ 10

أصغر عدد مكون من رقمين

**The smallest** 2-same-digit number ☐ 11

أصغر عدد مكون من رقمين متشابهين

**The smallest** 2-different-digit number ☐ 10

أصغر عدد مكون من رقمين مختلفين

**3 Complete the following:**

- a The **greatest** number that can be formed from the digits 8 and 7 is \_\_\_\_\_.
- b The **smallest** number that can be formed from the digits 9 and 5 is \_\_\_\_\_.
- c The **greatest** number that can be formed from the digits 0 and 9 is \_\_\_\_\_.
- d The **greatest** 2-digit number is \_\_\_\_\_.
- e The **smallest** 2-digit number is \_\_\_\_\_.
- f The **greatest** number that can be formed from two different digits is \_\_\_\_\_.

# HOMWORK



## 1 Complete using ( $<$ , $=$ or $>$ ):

- |      |    |                   |         |
|------|----|-------------------|---------|
| a 56 | 21 | l $70 + 6$        | 76      |
| b 15 | 51 | m $80 + 5$        | 85      |
| c 68 | 69 | n $2 + 70$        | 27      |
| d 39 | 30 | o $4 + 30$        | 43      |
| e 60 | 80 | p $3 + 90$        | 83      |
| f 56 | 56 | q 3 Tens          | 30 Ones |
| g 21 | 15 | r 5 Tens          | 5 Ones  |
| h 61 | 41 | s 8 Tens          | 80 Ones |
| i 54 | 54 | t 3 Ones + 5 Tens | 35      |
| j 82 | 92 | u 6 Tens + 3 Ones | 63      |
| k 24 | 72 | v 5 Ones + 7 Tens | 57      |

## 2 Complete the following:

- a The **greatest** 2-digit number is .....
- b The **greatest** 2-same-digit number is .....
- c The **greatest** 2-different-digit number is .....
- d The **smallest** 2-digit number is .....
- e The **smallest** 2-same-digit number is .....
- f The **smallest** 2-different-digit number is .....

## 3 Complete the following:

- a) The **greatest** number that can be formed from the digits 2 and 7 is \_\_\_\_\_.
- b) The **greatest** number that can be formed from the digits 7 and 8 is \_\_\_\_\_.
- c) The **greatest** number that can be formed from the digits 9 and 3 is \_\_\_\_\_.
- d) The **smallest** number that can be formed from the digits 3 and 9 is \_\_\_\_\_.
- e) The **smallest** number that can be formed from the digits 1 and 5 is \_\_\_\_\_.
- f) The **smallest** number that can be formed from the digits 8 and 4 is \_\_\_\_\_.

## 4 Complete the following:

- |               |                            |
|---------------|----------------------------|
| a) 48 < _____ | g) Nineteen > _____        |
| b) 92 > _____ | h) Thirty-four < _____     |
| c) _____ < 27 | i) 5 Ones + 8 Tens > _____ |
| d) _____ > 36 | j) _____ < Eighty-nine     |
| e) 17 < _____ | k) _____ > 6 Tens + 2 Ones |
| f) _____ < 19 | l) _____ < 40 + 7          |



# Worksheet

# 8

Choose the correct answer:

- a 8 Ones + 3 Tens = ( 83 or 38 or 11 )
- b The **greatest** 2-digit number is ( 10 or 98 or 99 )
- c The **value** of the digit 4 in 74 is ( 4 or 40 or 14 )
- d  $75 = 5 +$  ( 7 or 17 or 70 )
- e  $4 + 30 >$  ( 43 or 34 or 33 )

Complete the following:

- a The **smallest** 2-digit number is
- b The **place value** of the digit 5 in 58 is
- c The **greatest** number that can be formed from the digits 5 and 8 is
- d  $85 =$  Ones + Tens
- e  $5 \text{ LE} + 5 \text{ LE} + 5 \text{ LE} + 1 \text{ LE} + 1 \text{ LE} + 1 \text{ LE} =$  LE

Answer the following:

- a Complete using (<, = or >):

- 1 5 Ones + 3 Tens 53      2  $50 + 4$  54
- 3 Ninety-seven 79      4 36 63

- b Complete using taller than or shorter than:

- 1 Mark is Sama.
- 2 Sama is Nada.
- 3 Nada is Mark.
- 4 Mark is Nada.



# Lesson

## 9

### Arranging Numbers up to 99

ترتيب الأعداد حتى ٩٩



From the smallest number  
to the greatest number



من الصغير إلى الكبير

**Ex.** Arrange the following numbers in an **ascending** order:

73 , 58 , 27 , 95 , 36 , 45

The order: 27 , 36 , 45 , 58 , 73 , 95



From the greatest number  
to the smallest number.



من الكبير إلى الصغير

**Ex.** Arrange the following numbers in a **descending** order:

81 , 8 , 88 , 18 , 80

The order: 88 , 81 , 80 , 18 , 8

Arrange each group of the following numbers in **ascending** and **descending** orders:

**a** 35 , 56 , 98 , 21 , 54

**1** Ascending order: ... , ... , ... , ... , ...

**2** Descending order: ... , ... , ... , ... , ...

**b** 72 , 28 , 87 , 27 , 82

**1** Ascending order: ... , ... , ... , ... , ...

**2** Descending order: ... , ... , ... , ... , ...

**c** 50 , 55 , 5 , 51 , 15

**1** Ascending order: ... , ... , ... , ... , ...

**2** Descending order: ... , ... , ... , ... , ...



# HOMEWORK

- 1 Arrange each group of the following numbers in ascending and descending orders:

a 75 , 57 , 62 , 26 , 50

1 Ascending order: , , , , ,

2 Descending order: , , , , ,

b 24 , 81 , 16 , 64 , 72

1 Ascending order: , , , , ,

2 Descending order: , , , , ,

c 46 , 94 , 27 , 53 , 39

1 Ascending order: , , , , ,

2 Descending order: , , , , ,

d 17 , 77 , 70 , 7 , 71

1 Ascending order: , , , , ,

2 Descending order: , , , , ,

e 40 , 14 , 44 , 41 , 24

1 Ascending order: , , , , ,

2 Descending order: , , , , ,

f 31 , 13 , 30 , 3 , 33

1 Ascending order: , , , , ,

2 Descending order: , , , , ,



**2 Complete the following:**

- a 45 is read as:
- b 93 is read as:
- c Sixty-two is written as :
- d Seventy-five is written as :
- e 80 comes just after
- f 67 comes just before
- g \_\_\_\_\_ comes just after 59.
- h \_\_\_\_\_ comes just before 99.
- i The number that comes just after 14 is
- j The number that comes just before 26 is
- k The smallest 2-digit number is
- l The greatest 2-digit number is
- m The smallest 2-same-digit number is
- n The greatest 2-same-digit number is
- o The smallest 2-different-digit number is
- p The greatest 2-different-digit number is
- q 46, 47, 48, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- r 63, 62, 61, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- s The value of the digit 6 in 46 is
- t The place value of the digit 3 in 39 is
- u 7 Tens + 6 Ones =
- v 5 Ones + 3 Tens =
- w  $73 =$  \_\_\_\_\_ Tens + \_\_\_\_\_ Ones
- x  $39 =$  \_\_\_\_\_ Ones + \_\_\_\_\_ Tens

# Worksheet

# 9



Choose the correct answer:

- a  $20 + 3 =$  ( 50 or 32 or 23 )  
 b The **value** of the digit 3 in 73 is ( 3 or 13 or 30 )  
 c 25 comes just **after** ( 26 or 24 or 36 )  
 d 5 Ones + 7 Tens = ( 57 or 75 or 12 )  
 e The **greatest** 2-digit-number is ( 99 or 10 or 98 )

Answer the following:

- a Arrange the following numbers in an ascending order:

70 , 77 , 17 , 7 , 71

- b Complete using (<, = or >):

1  $7 + 50$

Seventy-five

2  $45$

72

3  $5 \text{ Tens} + 2 \text{ Ones}$

52

4 Nineteen

Ninety-nine

- c Consider the length of the small square as a unit for measuring the length. Write the measure of each line under it:

1		2		3	
units		units		units	

# Lesson 10

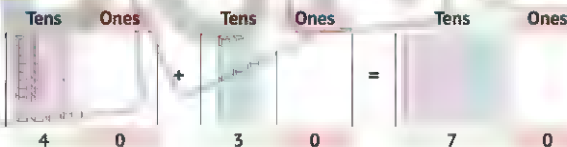
## Adding and Subtracting (Perfect Tens)

جمع وطرح مضاعفات العدد ١٠

### Addition الجمع

Ex.

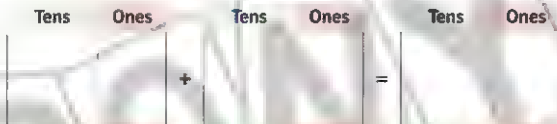
$$40 + 30 = 70$$



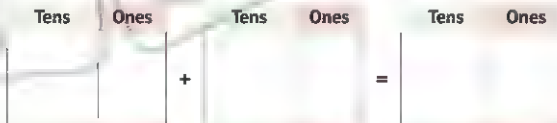
$$4 \text{ Tens} + 3 \text{ Tens} = 7 \text{ Tens}$$

1 Draw the **Tens sticks** to represent each of the following:

a)  $20 + 30 =$



b)  $50 + 40 =$



c  $6 \text{ Tens} + 2 \text{ Tens} =$  Tens

Tens	Ones	Tens	Ones	Tens	Ones
		+		=	

d  $2 \text{ Tens} + 2 \text{ Tens} =$  Tens

Tens	Ones	Tens	Ones	Tens	Ones
		+		=	

## 2 Find the result:

a  $20 + 30 =$

b  $40 + 50 =$

c  $70 + 20 =$

d  $20 + 20 + 20 =$

e  $40 + 20 + 10 =$

f  $3 \text{ Tens} + 3 \text{ Tens} =$  Tens

g  $4 \text{ Tens} + 3 \text{ Tens} =$  Tens

h  $5 \text{ Tens} + 2 \text{ Tens} =$  Tens

i  $1 \text{ Ten} + 7 \text{ Ten} =$  Tens



## Subtraction الطرح

**Ex.**

$$60 - 20 = 40$$

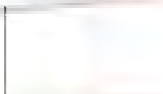
$$6 \text{ Tens} - 2 \text{ Tens} = 4 \text{ Tens}$$



**3** Draw the **Tens sticks** to represent each of the following:

**a**  $70 - 30 =$

Tens      Ones



**b**  $80 - 50 =$

Tens      Ones



**c**  $6 \text{ Tens} - 2 \text{ Tens} =$  Tens

Tens      Ones



**d**  $7 \text{ Tens} - 7 \text{ Tens} =$  Tens

Tens      Ones



**4** Find the result:

**a**  $80 - 40 =$

**b**  $60 - 10 =$

**c**  $40 - 30 =$

**d**  $4 \text{ Tens} - 2 \text{ Tens} =$  Tens

**e**  $6 \text{ Tens} - 4 \text{ Tens} =$  Tens

**f**  $3 \text{ Tens} - 3 \text{ Tens} =$  Tens

**g**  $8 \text{ Tens} - 6 \text{ Tens} =$  Tens

# HOMWORK



## 1 Find the result:

a  $30 + 20 =$

c  $20 + 10 =$

e  $20 + 20 =$

g  $60 - 20 =$

i  $60 - 30 =$

k  $60 - 10 =$

m  $20 + 20 + 20 =$

o 5 Tens + 4 Tens = Tens

q 6 Tens - 5 Tens = Tens

s 5 Tens + 3 Tens = Tens

b  $40 + 40 =$

d  $60 + 10 =$

f  $70 + 20 =$

h  $70 - 70 =$

j  $40 - 30 =$

l  $50 - 20 =$

n  $50 + 10 + 20 =$

p 3 Tens + 1 Ten = Tens

r 7 Tens - 3 Tens = Tens

t 4 Tens - 4 Tens = Tens

## 2 Complete the following:

a  $20 + \quad = 60$

c  $\quad + 10 = 60$

e  $\quad + 40 = 50$

g  $70 - \quad = 50$

i  $\quad - 40 = 20$

k  $\quad - 10 = 60$

m 5 Tens + Tens = 6 Tens

o 8 Tens - Tens = 4 Tens

q Tens - 2 Tens = 3 Tens

b  $40 + \quad = 90$

d  $\quad + 30 = 70$

f  $20 + \quad = 20$

h  $30 - \quad = 10$

j  $\quad - 20 = 20$

l  $40 - \quad = 40$

n Tens - 2 Tens = 5 Tens

p Tens + 1 Ten = 4 Tens

r Tens + 7 Tens = 9 Tens

**3** Draw the **Tens sticks** to represent each of the following:

**a**  $40 + 40 =$

Tens	Ones		Tens	Ones		Tens	Ones
		+			=		

**b**  $30 + 50 =$

Tens	Ones		Tens	Ones		Tens	Ones
		+			=		

**c**  $60 + 20 =$

Tens	Ones		Tens	Ones		Tens	Ones
		+			=		

**d**  $30 + 40 =$

Tens	Ones		Tens	Ones		Tens	Ones
		+			=		

e  $3 \text{ Tens} + 2 \text{ Tens} =$  Tens

Tens	Ones	+	Tens	Ones	=	Tens	Ones

f  $2 \text{ Tens} + 7 \text{ Tens} =$  Tens

Tens	Ones	+	Tens	Ones	=	Tens	Ones

g  $80 - 30 =$

Tens	Ones

h  $7 \text{ Tens} - 4 \text{ Tens} =$  Tens

Tens	Ones

i  $50 - 40 =$

Tens	Ones

j  $5 \text{ Tens} - 2 \text{ Tens} =$  Tens

Tens	Ones

k  $30 - 30 =$

Tens	Ones

l  $6 \text{ Tens} - 5 \text{ Tens} =$  Ten

Tens	Ones





# Worksheet

# 10

Choose the correct answer:

- a 8 Ones + 3 Tens = ( 83 or 11 or 38 )  
b The **greatest** 2-digit number is ( 99 or 98 or 10 )  
c  $- 30 = 20$  ( 10 or 50 or 60 )  
d 10 **more than** 50 = ( 40 or 30 or 60 )  
e comes just **before** 50. ( 49 or 40 or 51 )

Complete the following:

- a The **place value** of the digit 7 in 67 is  
b 5 Tens + 3 Tens = ..... Tens  
c The **smallest** number that can be formed from the digits 5 and 8 is  
d  $60 + \dots = 80$   
e 55, 54, 53, 52, .....

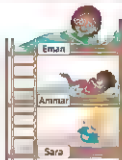
Answer the following:

- a Arrange the following numbers in an ascending order:

24 , 42 , 48 , 84 , 44

- b Complete the following:

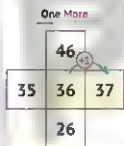
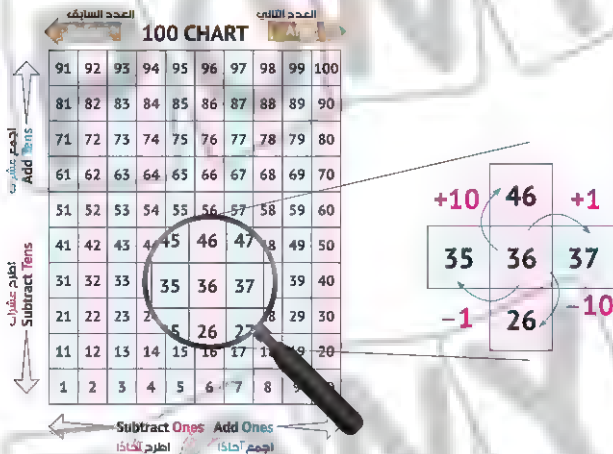
- 1 ..... is on the **top** bed.  
2 ..... is at the **bottom** bed.



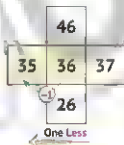
# Lesson 11

## Adding and Subtracting Using the 100 Chart

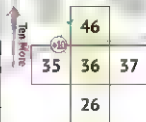
الجمع والطرح باستخدام مخطط ١٠٠



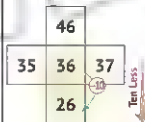
$$36 + 1 = 37$$



$$36 - 1 = 35$$



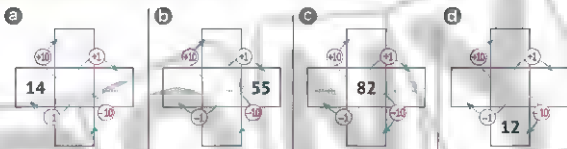
$$36 + 10 = 46$$



$$36 - 10 = 26$$

# LESSON 1 Adding and Subtracting using the 100 Chart

## 1 Complete the following charts:



## 2 Find the result using the 100 Chart:

a  $75 + 1 =$

$75 - 1 =$

$75 + 10 =$

$75 - 10 =$

b  $14 + 1 =$

$14 - 1 =$

$14 + 10 =$

$14 - 10 =$

c  $77 + 1 =$

$77 - 1 =$

$77 + 10 =$

$77 - 10 =$

## 3 Find the result:

a  $25$

$+ 1$

b  $45$

$+ 10$

c  $39$

$- 1$

d  $76$

$- 10$

## 4 Find the result:

a  $24 + \quad = 25$

c  $67 + \quad = 77$

e  $\quad + 1 = 32$

g  $64 + \quad =$

$74$

b  $45 - \quad = 44$

d  $38 - \quad = 28$

f  $\quad - 10 = 75$

h  $85 - \quad =$

$84$

i  $\quad + 10 =$

$89$

j  $\quad - 10 =$

$12$

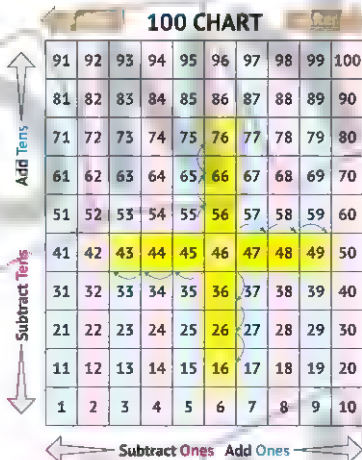
**Ex.** Find the result using the 100 Chart:

$$46 + 3 = 49$$

$$46 - 3 = 43$$

$$46 + 30 = 76$$

$$46 - 30 = 16$$



**5** Find the result using the 100 Chart:

a  $25 + 2 =$

c  $25 - 2 =$

e  $25 + 20 =$

g  $25 - 20 =$

i  $72$

$- 2$

---

j  $72$

$+ 2$

---

b  $54 + 4 =$

d  $54 - 4 =$

f  $54 + 40 =$

h  $54 - 40 =$

k  $72$

$+ 20$

---

l  $72$

$- 20$

---



6 Find the result using the 100 Chart:

Start

34	35	36
24	25	26

a  $24 + 12 =$

Start

64	65	66	67
54	55	56	57
44	45	46	47

b  $67 - 23 =$

Start

68	69
58	59

c  $58 + 11 =$

Start

94	95	96	97	98
84	85	86	87	88
74	75	76	77	78
64	65	66	67	68

d  $98 - 34 =$

e

$$\begin{array}{r} 17 \\ + 21 \\ \hline \end{array}$$

Start

37	38
27	28
17	18

f

$$\begin{array}{r} 48 \\ - 31 \\ \hline \end{array}$$

Start

47	48
37	38
27	28
17	18

g

$$\begin{array}{r} 72 \\ + 27 \\ \hline \end{array}$$

Start

92	93	94	95	96	97	98	99
82	83	84	85	86	87	88	89
72	73	74	75	76	77	78	79

h

$$\begin{array}{r} 27 \\ - 17 \\ \hline \end{array}$$

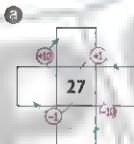
Start

21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

# HOMWORK



## 1 Complete the following:

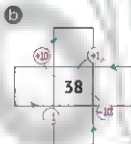


$$27 + 1 =$$

$$27 - 1 =$$

$$27 + 10 =$$

$$27 - 10 =$$

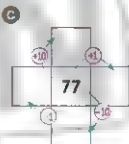


$$38 + 1 =$$

$$38 - 1 =$$

$$38 + 10 =$$

$$38 - 10 =$$

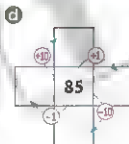


$$77 + 1 =$$

$$77 - 1 =$$

$$77 + 10 =$$

$$77 - 10 =$$



$$85 + 1 =$$

$$85 - 1 =$$

$$85 + 10 =$$

$$85 - 10 =$$

## 2 Complete the following:

a  $35 + \quad = 36$

c  $27 + \quad = 37$

e  $\quad + 1 = 27$

g  $\quad + 10 = 95$

i  $26 - \quad = 25$

k  $46 - \quad = 36$

m  $\quad - 1 = 15$

o  $\quad - 10 = 56$

b  $25 + \quad = 35$

d  $78 + \quad = 79$

f  $\quad + 10 = 42$

h  $\quad + 1 = 27$

j  $17 - \quad = 7$

l  $67 - \quad = 66$

n  $\quad - 10 = 9$

p  $\quad - 1 = 28$

### 3 Find the result using the 100 Chart:

a

$$55 + 4 =$$

$$55 - 4 =$$

$$55 + 40 =$$

$$55 - 40 =$$

c

$$66 + 3 =$$

$$66 - 3 =$$

$$66 + 30 =$$

$$66 - 30 =$$

b

$$48 + 1 =$$

$$48 - 1 =$$

$$48 + 10 =$$

$$48 - 10 =$$

d

$$34 + 2 =$$

$$34 - 2 =$$

$$34 + 20 =$$

$$34 - 20 =$$

### 4 Find the result using the 100 Chart.

(Draw the arrows that show your steps)

a  $48 + 32 =$

86	87	88	89	90
76	77	78	79	80
66	67	68	69	70
56	57	58	59	60
46	47	48	49	50

Start

b  $22 + 23 =$

52	53	54	55	56
42	43	44	45	46
32	33	34	35	36
22	23	24	25	26
12	13	14	15	16

Start

c  $36 + 22 =$

55	56	57	58	59
45	46	47	48	49
35	36	37	38	39
25	26	27	28	29

Start

d  $72 + 26 =$

92	93	94	95	96	97	98	99
82	83	84	85	86	87	88	89
72	73	74	75	76	77	78	79
62	63	64	65	66	67	68	69

Start



# LESSON 1 Adding and Subtracting using the 100 Chart

e  $49 - 23 =$

55	56	57	58	59	60
45	46	47	48	49	50
35	36	37	38	39	40
25	26	27	28	29	30
15	16	17	18	19	20

f  $96 - 21 =$

94	95	96	97
84	85	86	87
74	75	76	77
64	65	66	67
54	55	56	57

g  $99 - 72 =$

96	97	98	99	100
86	87	88	89	90
76	77	78	79	80
66	67	68	69	70
56	57	58	59	60
46	47	48	49	50
36	37	38	39	40
26	27	28	29	30
16	17	18	19	20
6	7	8	9	10

h  $85 - 64 =$

91	92	93	94	95
81	82	83	84	85
71	72	73	74	75
61	62	63	64	65
51	52	53	54	55
41	42	43	44	45
31	32	33	34	35
21	22	23	24	25
11	12	13	14	15
1	2	3	4	5

i  $\begin{array}{r} 80 \\ - 38 \\ \hline \end{array}$

71	72	73	74	75	76	77	78	79	80
61	62	63	64	65	66	67	68	69	70
51	52	53	54	55	56	57	58	59	60
41	42	43	44	45	46	47	48	49	50

# Worksheet

# 11



**Complete the following:**

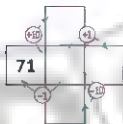
- a The **value** of the digit 7 in 72 is .
- b The **greatest** number that can be formed from 2 digits is .
- c is **10 more than** 32.
- d The number that comes just **before** 60 is .
- e 9 Ones + 5 Tens =

**Choose the correct answer:**

- a  $15 + 10 = 25$  (1 or 10 or 15)
- b 29 is **10 more than** (39 or 28 or 19)
- c 18 is **1 less than** (28 or 17 or 19)
- d 5 Tens + 3 Tens = (8 or 53 or 80)
- e  $39 =$  + (9 + 3 or 9 + 30 or 90 + 3)

**Complete the following:**

a



b



c



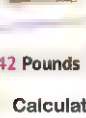
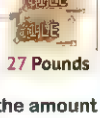






# Lesson 12

## Adding and Subtracting Using Banknotes




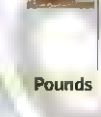


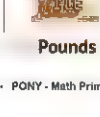
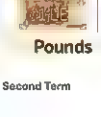
الجمع والطرح باستخدام الأوراق النقدية

**Ex.** Add:



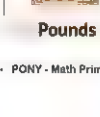
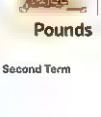


		Tens	Ones		
		20 LE	5 LE		
		20 LE	1 LE		
		10 LE	1 LE		
		10 LE	1 LE		
			1 LE		
				Tens	Ones
				4	2
				2	7
				+	
42 Pounds	+ 27 Pounds	= 60 Pounds	9 Pounds	= 6	9 Pounds

**1** Calculate the amount of money, then add:

**a**

		Tens	Ones		
					
					
					
					
				Tens	Ones
				+	
Pounds	+ Pounds	= Pounds	Pounds	=	Pounds

**b**

		Tens	Ones		
					
					
					
				Tens	Ones
				+	
Pounds	+ Pounds	= Pounds	Pounds	=	Pounds

c



Pounds + Pounds =

Tens

Ones

Pounds

Pounds =

Tens	Ones
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

+

Pounds

d



Pounds + Pounds =

Tens

Ones

Pounds

Pounds =

Tens	Ones
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

+

Pounds

e



Pounds + Pounds =

Tens

Ones

Pounds

Pounds =

Tens	Ones
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

+

Pounds

**Ex.** Subtract:

**64 Pounds – 42 Pounds**



Tens	Ones
6	4
4	2
= 2 2 Pounds	

**2 Calculate the amount of money, then subtract:**

**a**  $92 - 40 =$



Tens	Ones
= Pounds	

**b**  $46 - 15 =$



Tens	Ones
= Pounds	

**c**  $39 - 16 =$



Tens	Ones
= Pounds	

**d**  $64 - 24 =$



Tens	Ones
= Pounds	

**e**  $18 - 14 =$



Tens	Ones
= Pounds	

**f**  $54 - 12 =$



Tens	Ones
= Pounds	

# HOMEWORK



1 Calculate the amount of money, then add:

a



Pounds

+



Pounds

=

Pounds

Tens

Ones

Pounds =

Tens	Ones
<input type="text"/>	<input type="text"/>
+	<input type="text"/>

Pounds

b



Pounds

+



Pounds

=

Pounds

Tens

Ones

Pounds =

Tens	Ones
<input type="text"/>	<input type="text"/>
+	<input type="text"/>

Pounds

c



Pounds

+



Pounds

=

Pounds

Tens













Ones

Pounds =

Tens	Ones
<input type="text"/>	<input type="text"/>
+	<input type="text"/>

Pounds



d

		Tens	Ones
			
			
			
			
			
			
<b>Pounds</b>	<b>Pounds</b>	<b>Pounds</b>	<b>Pounds</b>

Tens	Ones
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
+	
<input type="text"/>	<input type="text"/>
<b>Pounds</b>	










e

		Tens	Ones
			
			
			
			
			
			
<b>Pounds</b>	<b>Pounds</b>	<b>Pounds</b>	<b>Pounds</b>

Tens	Ones
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
+	
<input type="text"/>	<input type="text"/>
<b>Pounds</b>	

f

		Tens	Ones
			
			
			
			
			
<b>Pounds</b>	<b>Pounds</b>	<b>Pounds</b>	<b>Pounds</b>



  

Tens	Ones
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
+	
<input type="text"/>	<input type="text"/>
<b>Pounds</b>	

9

		Tens	Ones						
									
Pounds +	Pounds =	Pounds	Pounds =						
		<table border="1"> <thead> <tr> <th>Tens</th> <th>Ones</th> </tr> </thead> <tbody> <tr> <td><input type="text"/></td> <td><input type="text"/></td> </tr> <tr> <td><input type="text"/></td> <td><input type="text"/></td> </tr> </tbody> </table>		Tens	Ones	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Tens	Ones								
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		Pounds							

10

		Tens	Ones						
									
Pounds +	Pounds =	Pounds	Pounds =						
		<table border="1"> <thead> <tr> <th>Tens</th> <th>Ones</th> </tr> </thead> <tbody> <tr> <td><input type="text"/></td> <td><input type="text"/></td> </tr> <tr> <td><input type="text"/></td> <td><input type="text"/></td> </tr> </tbody> </table>		Tens	Ones	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Tens	Ones								
<input type="text"/>	<input type="text"/>								
<input type="text"/>	<input type="text"/>								
		Pounds							

11

		Tens	Ones						
									
Pounds +	Pounds =	Pounds	Pounds =						
		<table border="1"> <thead> <tr> <th>Tens</th> <th>Ones</th> </tr> </thead> <tbody> <tr> <td><input type="text"/></td> <td><input type="text"/></td> </tr> <tr> <td><input type="text"/></td> <td><input type="text"/></td> </tr> </tbody> </table>		Tens	Ones	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Tens	Ones								
<input type="text"/>	<input type="text"/>								
<input type="text"/>	<input type="text"/>								
		Pounds							



## 2 Calculate the amount of money, then subtract:

a  $47 - 32 =$

	Tens	Ones
	<input type="text"/>	<input type="text"/>
-	<input type="text"/>	<input type="text"/>
=	<input type="text"/> Pounds	

b  $29 - 25 =$

	Tens	Ones
	<input type="text"/>	<input type="text"/>
-	<input type="text"/>	<input type="text"/>
=	<input type="text"/> Pounds	

c  $37 - 12 =$

	Tens	Ones
	<input type="text"/>	<input type="text"/>
-	<input type="text"/>	<input type="text"/>
=	<input type="text"/> Pounds	

d  $35 - 15 =$

	Tens	Ones
	<input type="text"/>	<input type="text"/>
-	<input type="text"/>	<input type="text"/>
=	<input type="text"/> Pounds	

e  $49 - 35 =$

	Tens	Ones
	<input type="text"/>	<input type="text"/>
-	<input type="text"/>	<input type="text"/>
=	<input type="text"/> Pounds	

f  $78 - 58 =$

	Tens	Ones
	<input type="text"/>	<input type="text"/>
-	<input type="text"/>	<input type="text"/>
=	<input type="text"/> Pounds	

g  $67 - 43 =$

	Tens	Ones
	<input type="text"/>	<input type="text"/>
-	<input type="text"/>	<input type="text"/>
=	<input type="text"/> Pounds	

h  $49 - 29 =$

	Tens	Ones
	<input type="text"/>	<input type="text"/>
-	<input type="text"/>	<input type="text"/>
=	<input type="text"/> Pounds	

**3 Draw according to the amount of money, then find the result:**

**a**  $35 + 32 =$

	Tens	Ones
	<input type="text"/>	<input type="text"/>
Pounds		
	+	
	<input type="text"/>	<input type="text"/>
Pounds	=	Pounds

**b**  $34 + 23 =$

	Tens	Ones
	<input type="text"/>	<input type="text"/>
Pounds		
	+	
	<input type="text"/>	<input type="text"/>
Pounds	=	Pounds

**c**  $15 + 52 =$

	Tens	Ones
	<input type="text"/>	<input type="text"/>
Pounds		
	+	
	<input type="text"/>	<input type="text"/>
Pounds	=	Pounds

**d**  $14 + 63 =$

	Tens	Ones
	<input type="text"/>	<input type="text"/>
Pounds		
	+	
	<input type="text"/>	<input type="text"/>
Pounds	=	Pounds

**e**  $58 - 34 =$

	Tens	Ones
	<input type="text"/>	<input type="text"/>
	-	<input type="text"/>
	<input type="text"/>	<input type="text"/>
	=	Pounds

**f**  $73 - 51 =$

	Tens	Ones
	<input type="text"/>	<input type="text"/>
	-	<input type="text"/>
	<input type="text"/>	<input type="text"/>
	=	Pounds

**g**  $46 - 45 =$

	Tens	Ones
	<input type="text"/>	<input type="text"/>
	-	<input type="text"/>
	<input type="text"/>	<input type="text"/>
	=	Pounds

**h**  $27 - 7 =$

	Tens	Ones
	<input type="text"/>	<input type="text"/>
	-	<input type="text"/>
	<input type="text"/>	<input type="text"/>
	=	Pounds



# Worksheet

# 12

Complete the following:

a  $50 + 7 = 57$

b 9 Ones + 7 Tens =

c  $10\text{LE} + 10\text{LE} + 5\text{LE} + 1\text{LE} + 1\text{LE} + 1\text{LE} =$

d The place value of the digit 3 in 32 is

e is 10 more than 76.

Complete using (<, = or >):

a  $45 \square 54$

b  $30 + 7 \square 3 + 70$

c  $50\text{LE} + 1\text{LE} + 1\text{LE} \square 20\text{LE} + 20\text{LE} + 5\text{LE}$

d  $20 + 10 \square 20 + 10$

e 4 Ones + 3 Tens  $\square 4 + 3$

Draw according to the amount of money, then find the result:

a  $64 + 32 =$

	Tens	Ones
	<input type="text"/>	<input type="text"/>
Pounds		
+		
	<input type="text"/>	<input type="text"/>
Pounds		
=	<input type="text"/> Pounds	

b  $47 - 22 =$

	Tens	Ones
	<input type="text"/>	<input type="text"/>
-	<input type="text"/>	<input type="text"/>
=	<input type="text"/> Pounds	

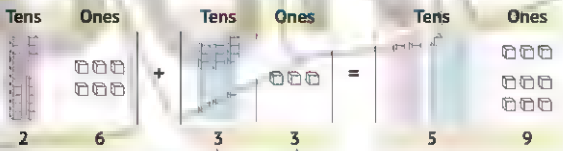
# Lesson 13

## Adding Two Numbers (Without Renaming) جمع الأعداد المكونة من رقمين (بدون إعادة التسمية)

1 Draw the Tens as **sticks** and the Ones as **small boxes** to represent each addend:

**Ex.**

$$26 + 33 = 59$$



Add the **Ones** to the **Ones** and the **Tens** to the **Tens**

اجمع الأحاد مع الأحاد ثم اجمع العشرات مع العشرات

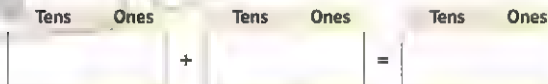
a  $45 + 23 =$



b  $28 + 51 =$



c  $24 + 74 =$



## 2 Add:

	Tens	Ones
a	2	4
+	5	3

	Tens	Ones
b	2	5
+	7	3

	Tens	Ones
c	3	4
+	1	5

	Tens	Ones
d	3	4
+	1	3
+	2	1

	Tens	Ones
e	1	2
+		4
+	5	3

	Tens	Ones
f	4	3
+	2	0
+		5

## 3 Add:

a	23
+	24

b	13
+	85

c	45
+	22

d	62
+	7

e  $45 + 23 =$

g  $21 + 32 =$

i  $12 + 40 + 23 =$

f  $23 + 31 =$

h  $52 + 17 =$

j  $24 + 5 + 30 =$

# HOMEWORK



1 Draw the Tens as **sticks** and the Ones as **small boxes** to represent each addend:

a  $45 + 21 =$

Tens	Ones		Tens	Ones		Tens	Ones
		+			=		

b  $15 + 51 =$

Tens	Ones		Tens	Ones		Tens	Ones
		+			=		

c  $13 + 24 =$

Tens	Ones		Tens	Ones		Tens	Ones
		+			=		

d  $52 + 34 =$

Tens	Ones		Tens	Ones		Tens	Ones
		+			=		

e  $27 + 12 =$

Tens	Ones		Tens	Ones		Tens	Ones
		+			=		

## 2 Add:

a

Tens	Ones
2	1
5	7

b

Tens	Ones
5	3
2	3

c

Tens	Ones
4	4
1	3

d

Tens	Ones
1	4
5	1

e

Tens	Ones
4	3
	2

f

Tens	Ones
2	3
3	2

g

Tens	Ones
3	4
2	1

h

Tens	Ones
1	2
5	3

i

Tens	Ones
4	3
	5

j

Tens	Ones
2	4
3	1
	1

k

Tens	Ones
3	0
4	0
	5

l

Tens	Ones
2	2
4	0
2	5

m

Tens	Ones
3	4
1	3
2	1

n

Tens	Ones
1	2
	4
5	3

o

Tens	Ones
4	3
2	0
	5

### 3 Add:

$$\begin{array}{r} \text{a} \quad 23 \\ + 15 \\ \hline \end{array}$$

$$\begin{array}{r} \text{b} \quad 17 \\ + 22 \\ \hline \end{array}$$

$$\begin{array}{r} \text{c} \quad 28 \\ + 10 \\ \hline \end{array}$$

$$\begin{array}{r} \text{d} \quad 73 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} \text{e} \quad 52 \\ + 17 \\ \hline \end{array}$$

$$\begin{array}{r} \text{f} \quad 14 \\ + 32 \\ \hline \end{array}$$

$$\begin{array}{r} \text{g} \quad 20 \\ + 54 \\ \hline \end{array}$$

$$\begin{array}{r} \text{h} \quad 63 \\ + 23 \\ \hline \end{array}$$

$$\begin{array}{r} \text{i} \quad 23 \\ + 23 \\ + 23 \\ \hline \end{array}$$

$$\begin{array}{r} \text{j} \quad 33 \\ + 4 \\ + 62 \\ \hline \end{array}$$

$$\begin{array}{r} \text{k} \quad 12 \\ + 57 \\ + 20 \\ \hline \end{array}$$

$$\begin{array}{r} \text{l} \quad 43 \\ + 25 \\ + 1 \\ \hline \end{array}$$

$$\text{m} \quad 12 + 21 =$$

$$\text{n} \quad 62 + 35 =$$

$$\text{o} \quad 52 + 13 =$$

$$\text{p} \quad 32 + 15 =$$

$$\text{q} \quad 23 + 62 =$$

$$\text{r} \quad 34 + 5 =$$

$$\text{s} \quad 12 + 12 + 12 =$$

$$\text{t} \quad 63 + 4 + 11 =$$

$$\text{u} \quad 44 + 33 + 12 =$$





# Worksheet

# 13

Choose the correct answer:

- a Twenty-one ( in digits ) - ( 21 or 12 or 20 )  
 b 5 Tens + 2 Tens = ( 7 or 25 or 70 )  
 c  $10 + \dots = 70$  ( 60 or 80 or 6 )  
 d  $10 \text{ LE} + 20 \text{ LE} + 2 \text{ LE} = \dots \text{ LE}$  ( 32 or 37 or 55 )  
 e The **smallest** 2-digit number is ( 99 or 11 or 10 )

Complete the following:

- a The **greatest** number that can be formed from the digits 1 and 3 is  
 b ~~40~~ comes just **after** 49  
 c The **value** of the digit 5 in 45 is  
 d 10, 20, 30, 40,   
 e  $\dots$  Tens +  $\dots$  Ones = 42

Answer the following:

a Find the result:

$$\begin{array}{r} 1 \quad 4 \ 5 \\ + \quad 1 \ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \quad 6 \ 2 \\ + \quad 2 \ 4 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \quad 72 + 13 = \\ 4 \quad 48 + 21 = \end{array}$$

b Arrange the following in an ascending order:

21 , 56 , 12 , 30 , 65

c Arrange the stripes from the shortest to the tallest:



a b c d

# Lesson 14

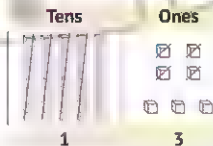
## Subtracting Two Numbers (Without Renaming)

طرح الأعداد المكونة من رقمين (بدون إعادة التسمية)

- 1 Draw the Tens as **sticks** and the Ones as **small squares** to represent each of the following:

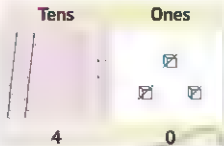
**Ex.**

$$57 - 44 = 13$$

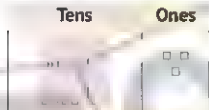


**Ex.**

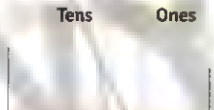
$$63 - 23 = 40$$



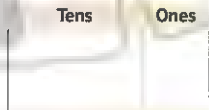
a  $75 - 32 =$



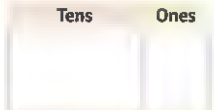
b  $56 - 25 =$



c  $83 - 52 =$



d  $34 - 34 =$



# LESSON 1 Subtracting Two Numbers (Without Renaming)

## 2 Subtract:

a	Tens	Ones	b	Tens	Ones	c	Tens	Ones
7	5	4	4	4	9	8	8	
2	3	3	2	3	2	8		

a	4 5	e	6 7	f	8 9	g	7 5
- 2 2	- 2 7	- 4 3	- 1 5				

h  $55 - 32 =$  \_\_\_\_\_

i  $58 - 17 =$  \_\_\_\_\_

## 3 Match:

a  $45 + 23$  •

•  $75 - 21$  **1**

b  $23 + 31$  •

•  $69 - 27$  **2**

c  $12 + 25$  •

•  $98 - 30$  **3**

d  $21 + 21$  •

•  $89 - 52$  **4**

# HOMEWORK



- 1 Draw the Tens as **sticks** and the Ones as **small squares** to represent each of the following:

a  $65 - 23 =$

Tens

Ones

b  $52 - 32 =$

Tens

Ones

c  $73 - 70 =$

Tens

Ones

d  $49 - 27 =$

Tens

Ones

e  $15 - 15 =$

Tens

Ones

f  $76 - 36 =$

Tens

Ones

g  $87 - 34 =$

Tens

Ones

h  $55 - 23 =$

Tens

Ones

# LESSON 11 Subtracting Two Numbers (Without Renaming)

## 2 Subtract:

	Tens	Ones
a	5	7
	4	3

	Tens	Ones
b	6	6
	5	3

	Tens	Ones
c	2	8
	2	4

	Tens	Ones
d	7	8
	2	5

	Tens	Ones
e	6	9
		4

	Tens	Ones
f	8	2
	7	0

g	85
-	34

h	73
-	70

i	52
-	20

j	19
-	17

k	66
-	25

l	32
-	2

m	79
-	50

n	17
-	5

o  $97 - 35 =$

p  $68 - 15 =$

q  $45 - 13 =$

r  $52 - 50 =$

s  $38 - 7 =$

t  $25 - 25 =$

# Worksheet

# 14



Choose the correct answer:

- a The **smallest** 2-digit number is ( 10 or 11 or 99 )
- b 5 Tens + 3 Tens =                      Tens ( 53 or 8 or 80 )
- c  $75 = 5 +$                       ( 7 or 50 or 70 )
- d  $45 >$                       ( 46 or 50 or 40 )
- e The **place value** of the digit 7 in 78 is ( Ones or Tens or 70 )

Complete the following:

- a                      Ones +                      Tens = 98.
- b The **value** of the digit 5 in 58 is
- c The **greatest** number that can be formed from the digits 3 and 9 is
- d 20, 30, 40, 50,                      ,
- e 90 LE -                      LE = 30 LE.

Answer the following:

a Find the result:

1     7 5

+ 1 2

2     3 6

- 1 5

3     8 4

+ 5

4     5 9

- 7

b Use the following numbers to complete:

25 , 78 , 54 , 12 , 95

- 1 The **greatest** number is
- 2 The **smallest** number is
- 3 The **ascending** order is:

c Complete the following:

- 1 There are                      hens **inside** the cage.
- 2 There are                      hens **outside** the cage.



# Lesson 15

## The Relationship Between Addition and Subtraction

العلاقة بين الجمع والطرح

If  
 $25 + 32 = 57$

then

$57 - 32 = 25$      $57 - 25 = 32$

$57 - 32 = 25$

$25 + 32 = 57$

$57 - 25 = 32$

### 1 Complete the following:

- a) If  $25 + 32 = 57$ , then  $57 - 32 =$  \_\_\_\_\_ and  $57 - 25 =$  \_\_\_\_\_ .  
 b) If  $72 + 23 = 95$ , then  $95 -$  \_\_\_\_\_  $= 23$  and \_\_\_\_\_  $- 23 = 72$ .  
 c) If  $45 - 31 = 14$ , then  $31 + 14 =$  \_\_\_\_\_ and  $45 - 14 =$  \_\_\_\_\_ .

**Ex.**

$$\begin{array}{r} \text{+} \\ 32 \\ + 25 \\ \hline 57 \end{array}$$

$$\begin{array}{r} \text{-} \\ 57 \\ - 32 \\ \hline 25 \end{array}$$

### 2 Complete the following:

a

$$\begin{array}{r} \text{+} \\ 23 \\ \hline 85 \end{array}$$

b

$$\begin{array}{r} \text{+} \\ 15 \\ \hline 24 \end{array}$$

c

$$\begin{array}{r} \text{+} \\ 22 \\ \hline 45 \end{array}$$

d

$$\begin{array}{r} \text{+} \\ 2 \\ \hline 67 \end{array}$$

e  $+ 23 = 45$

f  $21 +$  \_\_\_\_\_  $= 33$

g  $+ 21 = 32$

h  $26 +$  \_\_\_\_\_  $= 57$

**Ex.**

$$\begin{array}{r} \ominus \\ 75 - 14 = 61 \end{array}$$

75

$$\begin{array}{r} - 14 \\ \hline 61 \end{array}$$

$$\begin{array}{r} \oplus \\ 58 - 12 = 46 \end{array}$$

58

$$\begin{array}{r} - 12 \\ \hline 46 \end{array}$$

$\oplus$

**3 Complete the following:**

**a** 45

$$\begin{array}{r} - \\ \hline 24 \end{array}$$

**b** 85

$$\begin{array}{r} - \\ \hline 13 \end{array}$$

**c**

$$\begin{array}{r} - 22 \\ \hline 23 \end{array}$$

**d**

$$\begin{array}{r} - 62 \\ \hline 7 \end{array}$$

**e**  $- 26 = 23$

**f**  $45 - = 32$

**g**  $- 21 = 33$

**h**  $57 - = 21$

**4 Complete the following (as in the example):**

**Ex.**

**a**

$$\begin{array}{c} 49 \\ \swarrow \quad \downarrow \quad \searrow \\ 24 \quad + \quad 25 \end{array}$$

**b**

$$\begin{array}{c} 75 \\ \swarrow \quad \downarrow \quad \searrow \\ 13 \quad + \end{array}$$

**c**

$$\begin{array}{c} 69 \\ \swarrow \quad \downarrow \quad \searrow \\ \quad + \quad 27 \end{array}$$

**d**

$$\begin{array}{c} \\ \swarrow \quad \downarrow \quad \searrow \\ 21 \quad + \quad 35 \end{array}$$

**e**

$$\begin{array}{c} 89 \\ \swarrow \quad \downarrow \quad \searrow \\ 16 \quad + \end{array}$$

**f**

$$\begin{array}{c} 57 \\ \swarrow \quad \downarrow \quad \searrow \\ \quad + \quad 37 \end{array}$$



# HOMWORK



## 1 Complete the following:

- a If  $25 + 12 = 37$ , then  $37 - 12 =$  ..., and  $37 - 25 =$  ...  
 b If  $31 + 47 = 78$ , then  $78 - 47 =$  ..., and  $78 - 31 =$  ...  
 c If  $84 - 34 = 50$ , then  $84 - 50 =$  ..., and  $34 + 50 =$  ...  
 d If  $97 - 13 = 84$ , then  $97 - 84 =$  ..., and  $13 + 84 =$  ...  
 e If  $24 + 24 = 48$ , then  $48 -$  ... = 24, and ... - 24 = 24.  
 f If  $32 + 26 = 58$ , then  $58 -$  ... = 32, and ... - 32 = 26.

## 2 Complete the following:

a  $\begin{array}{r} 22 \\ + \\ \hline \end{array}$

b  $\begin{array}{r} 23 \\ + \\ \hline \end{array}$

c  $\begin{array}{r} 44 \\ + \\ \hline \end{array}$

d  $\begin{array}{r} 13 \\ + \\ \hline \end{array}$

$\begin{array}{r} 67 \\ + \\ \hline \end{array}$

$\begin{array}{r} 45 \\ + \\ \hline \end{array}$

$\begin{array}{r} 85 \\ + \\ \hline \end{array}$

$\begin{array}{r} 24 \\ + \\ \hline \end{array}$

e  $\begin{array}{r} 34 \\ + \\ \hline \end{array}$

f  $\begin{array}{r} 41 \\ + \\ \hline \end{array}$

g  $\begin{array}{r} 14 \\ + \\ \hline \end{array}$

h  $\begin{array}{r} 83 \\ + \\ \hline \end{array}$

$\begin{array}{r} 84 \\ + \\ \hline \end{array}$

$\begin{array}{r} 65 \\ + \\ \hline \end{array}$

$\begin{array}{r} 47 \\ + \\ \hline \end{array}$

$\begin{array}{r} 95 \\ + \\ \hline \end{array}$

i  $+ 20 = 33$

j  $52 + = 63$

k  $+ 11 = 42$

l  $45 + = 97$

m  $+ 32 = 52$

n  $60 + = 75$

o  $+ 24 = 26$

p  $12 + = 82$

### 3 Complete the following:

a  $65$

$$\begin{array}{r} - \\ \hline 23 \end{array}$$

b  $78$

$$\begin{array}{r} - \\ \hline 45 \end{array}$$

c  $34$

$$\begin{array}{r} - \\ \hline 44 \end{array}$$

d  $13$

$$\begin{array}{r} - \\ \hline 24 \end{array}$$

e  $41$

$$\begin{array}{r} - \\ \hline 21 \end{array}$$

f  $84$

$$\begin{array}{r} - \\ \hline 52 \end{array}$$

g  $14$

$$\begin{array}{r} - \\ \hline 43 \end{array}$$

h  $81$

$$\begin{array}{r} - \\ \hline 15 \end{array}$$

i  $-24 = 30$

j  $65 - = 63$

k  $-10 = 41$

l  $99 - = 45$

m  $-42 = 53$

n  $75 - = 60$

o  $-32 = 26$

p  $82 - = 42$

q  $48$

$$\begin{array}{r} - \\ \hline 25 \end{array}$$

r  $72$

$$\begin{array}{r} - \\ \hline 42 \end{array}$$

s  $37$

$$\begin{array}{r} + \\ \hline 89 \end{array}$$

t  $46$

$$\begin{array}{r} + \\ \hline 79 \end{array}$$

u  $12$

$$\begin{array}{r} - \\ \hline 45 \end{array}$$

v  $37$

$$\begin{array}{r} - \\ \hline 21 \end{array}$$

w  $47$

$$\begin{array}{r} + \\ \hline 89 \end{array}$$

x  $16$

$$\begin{array}{r} + \\ \hline 87 \end{array}$$

#### 4 Complete the following:

a

$$\begin{array}{r} 78 \\ \swarrow \quad \searrow \\ 34 \quad + \end{array}$$

b

$$\begin{array}{r} 65 \\ \swarrow \quad \searrow \\ 25 \quad + \end{array}$$

c

$$\begin{array}{r} 49 \\ \swarrow \quad \searrow \\ 15 \quad + \end{array}$$

d

$$\begin{array}{r} 66 \\ \swarrow \quad \searrow \\ \quad + \quad 25 \end{array}$$

e

$$\begin{array}{r} 57 \\ \swarrow \quad \searrow \\ \quad + \quad 14 \end{array}$$

f

$$\begin{array}{r} 29 \\ \swarrow \quad \searrow \\ \quad + \quad 27 \end{array}$$

g

$$\begin{array}{r} \quad \\ \swarrow \quad \searrow \\ 13 \quad + \quad 42 \end{array}$$

h

$$\begin{array}{r} \quad \\ \swarrow \quad \searrow \\ 42 \quad + \quad 24 \end{array}$$

i

$$\begin{array}{r} \quad \\ \swarrow \quad \searrow \\ 15 \quad + \quad 24 \end{array}$$

#### 5 Arrange the following numbers in a descending order, then complete:

45 , 24 , 12 , 75 , 56

- a The order: , , , , .
- b The **greatest** number is .
- c The **smallest** number is .
- d The **sum** of the greatest and the smallest numbers =  

$$+ =$$
- e The **difference** between them = 
$$- =$$

# Worksheet

# 15



Choose the correct answer:

- a  $23 + \dots = 56$  ( 23 or 79 or 33 )  
 b Eighty-one ( in digits ) - ( 81 or 18 or 88 )  
 c  $\dots - 11 = 25$ . ( 36 or 14 or 63 )  
 d 45 comes just after ( 46 or 44 or 55 )  
 e 5 Tens =  $\dots$  Ones ( 5 or 15 or 50 )

Complete the following:

- a The place value of the digit 3 in 73 is  $\dots$   
 b The **smallest** 2-different-digit number is  $\dots$   
 c  $63 - \dots = 21$  d  $\dots + 42 = 87$   
 e 64, 63, 62, 61,  $\dots$

Answer the following:

- a Find the result  
 1  $45 + 24 = \dots$  2  $36 - 12 = \dots$   
 3  $29 + 30 = \dots$  4  $78 - 34 = \dots$   
 b Arrange the following numbers in an ascending order:

72 , 35 , 28 , 98 , 55

- c Measure the length of each of the following objects. Use the  as a unit of length:



# Lesson 16

## Word Problems

المسائل الكلامية



T-shirt



42 LE

Shoes



53 LE

Ball



34 LE

The price of:

a) A T-shirt and a shoes =  $42 + 53 = 95$  LE.

b) A T-shirt and ball =  $42 + 34 = 76$  LE.

c) A shoes and a ball =  $53 + 34 = 87$  LE.

Amount of Money

Item

Remainder



78 LE

T-shirt



42 LE

$78 - 42 = 36$  LE

Shoes



53 LE

$78 - 53 = 25$  LE

Ball



34 LE

$78 - 34 = 44$  LE



## 2 Answer the following:

- Ⓐ Rana has 45 LE and Sara has 23 LE.

How much money do Rana and Sara have together?

$$\text{Rana and Sara have} = \underline{\quad\quad\quad} + \underline{\quad\quad\quad} = \underline{\quad\quad\quad} \text{ LE.}$$

- Ⓑ Omar bought a pen for 26 LE and a book for 13 LE.

How much money did Omar pay?

$$\text{Omar paid} = \underline{\quad\quad\quad} + \underline{\quad\quad\quad} = \underline{\quad\quad\quad} \text{ LE.}$$



- Ⓒ Sara had 85 LE. She bought a pen for 24 LE.

Find the remaining money with Sara.

$$\text{Remainder} = \underline{\quad\quad\quad} - \underline{\quad\quad\quad} = \underline{\quad\quad\quad} \text{ LE.}$$



- Ⓓ Alaa had 68 LE. She bought candies for 45 LE.

Find the remaining money With Alaa.

$$\text{Remainder} = \underline{\quad\quad\quad} - \underline{\quad\quad\quad} = \underline{\quad\quad\quad} \text{ LE.}$$



- Ⓔ Adam had 86 LE. He bought a toy for 24 LE and a ruler for 12 LE. Find the remaining money with Adam.

$$\text{Adam paid} = \underline{\quad\quad\quad} + \underline{\quad\quad\quad} = \underline{\quad\quad\quad} \text{ LE.}$$

$$\text{Remainder} = \underline{\quad\quad\quad} - \underline{\quad\quad\quad} = \underline{\quad\quad\quad} \text{ LE.}$$



# HOMEWORK



1 By using the following items, find:

<b>T-shirt</b>  <b>63 LE</b>	<b>Ball</b>  <b>51 LE</b>	<b>Pack of pencils</b>  <b>15 LE</b>	<b>Plush toy</b>  <b>53 LE</b>	<b>Scissors</b>  <b>9 LE</b>
<b>Board game</b>  <b>11 LE</b>	<b>Toy</b>  <b>41 LE</b>	<b>Candies</b>  <b>10 LE</b>	<b>Book</b>  <b>28 LE</b>	<b>Glue</b>  <b>5 LE</b>

• The price of:

a A T-shirt and a pack of pencils =  $\quad + \quad = \quad$  LE.

b A plush toy and a board game =  $\quad + \quad = \quad$  LE.

c A ball and a book =  $\quad + \quad = \quad$  LE.

d Candies and scissors =  $\quad + \quad = \quad$  LE.

e A T-shirt and a glue =  $\quad + \quad = \quad$  LE.

f A ball and a pack of pencils =  $\quad + \quad = \quad$  LE.

g A toy and a book =  $\quad + \quad = \quad$  LE.

h A pack of pencils, Candies and a board game













=  $\quad + \quad + \quad = \quad$  LE.

i A toy, a ball and a glue

=  $\quad + \quad + \quad = \quad$  LE.



## 2 Find the remaining money:

Amount of Money	Item	Remainder
<p>a</p> 	<p>T-shirt</p> <p>83 LE</p> 	<p>—</p> <p>=      LE</p>
<p>b</p> 	<p>Candies</p> <p>15 LE</p> 	<p>—</p> <p>=      LE</p>
<p>c</p> 	<p>Shoes</p> <p>50 LE</p> 	<p>—</p> <p>=      LE</p>
<p>d</p> 	<p>Toy</p> <p>34 LE</p> 	<p>—</p> <p>=      LE</p>
<p>e</p> 	<p>Book</p> <p>20 LE</p> 	<p>—</p> <p>=      LE</p>
<p>f</p> 	<p>Ball</p> <p>45 LE</p> 	<p>—</p> <p>=      LE</p>

## 3 Answer the following:

- a Alaa bought milk for 45 LE and candies for 12 LE.

How much money did Alaa pay?

Alaa paid =  $45 + 12 =$  LE.

- b Omar bought crayons for 52 LE and a book for 12 LE.

How much money did Omar pay?

Omar paid =  $52 + 12 =$  LE.

- c Eman bought a hat for 37 LE and a toy for 20 LE

How much money did Eman pay?

Eman paid =  $37 + 20 =$  LE

- d Hana bought a ruler for 12 LE and a pencil for 15 LE.

How much money did Hana pay?

Hana paid =  $12 + 15 =$  LE.

- e Adham bought a notebook for 13 LE and a pen for 6 LE.

How much money did Adham pay?

Adham paid =  $13 + 6 =$  LE.

- f Sameh has 21 books, Ayman has 32 books and Eman

has 24 books. How many books do they have?

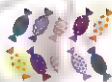
They have =  $21 + 32 + 24 =$  books.

# LESSON 13 Word Problems

- 9 Alaa had 85 LE. She bought candies for 24 LE.

Find the **remaining** money with Alaa.

$$\text{Remainder} = \quad - \quad =$$



LE.

- 10 Sara had 78 LE. She bought a pen for 15 LE.

Find the **remaining** money with Sara.

$$\text{Remainder} = \quad - \quad =$$



LE.

- 11 Hanaa had 54 LE. She bought a toy for 24 LE.

Find the **remaining** money with Hanaa.

$$\text{Remainder} = \quad - \quad =$$



LE.

- 12 Nada had 47 LE. She bought a book for 32 LE.

Find the **remaining** money with Nada.

$$\text{Remainder} = \quad - \quad =$$



LE.

- 13 Sama had 15 apples and she ate 4 of them.

How many apples are **remaining**?

$$\text{Remaining apples} = \quad - \quad = \quad \text{apples.}$$



- 14 Samir had 24 sweets. He ate 10 of them.

How many sweets are **remaining**?

$$\text{Remaining sweets} = \quad - \quad = \quad \text{sweets.}$$



- 10 Omar had 78 LE. He bought a pen for 23 LE and a book for 15 LE.

Find the remaining money with Omar

Omar paid =  $23 + 15 = 38$  LE.

Remainder =  $78 - 38 = 40$  LE.



- 11 Ahmed had 69 LE. He bought candies for 21 LE and a pencil for 35 LE. Find the remaining money with Ahmed.

Ahmed paid =  $21 + 35 = 56$  LE.

Remainder =  $69 - 56 = 13$  LE.





- 12 Adam had 54 LE. He bought a toy for 20 LE and a ruler for 12 LE. Find the remaining money with Adam.

Adam paid =  $20 + 12 = 32$  LE.

Remainder =  $54 - 32 = 22$  LE.



- 13 Fatma had 29 LE. She bought a  and a .

Find the remaining money with Fatma.

Fatma paid =  $5 + 4 = 9$  LE.

Remainder =  $29 - 9 = 20$  LE.





# Worksheet

# 16

Choose the correct answer:

- a Nineteen ( in digits ) = ( 91 or 19 or 99 )  
b  $\quad - 24 = 34$  ( 58 or 10 or 85 )  
c The **greatest** 2-digit number is . ( 99 or 10 or 98 )  
d 5 Ones + 2 Tens = . ( 52 or 70 or 25 )  
e 20 LE + 30 LE + 2 LE + 1 LE = ... LE ( 53 or 80 or 25 )

Complete the following:

- a 26, 27, 28, 29,  $\quad$  .  
b The number that comes just **after** 29 is .  
c The **place value** of the digit 9 in 93 is .  
d  $24 + \quad = 78$   
e 5 Tens + 4 Tens = ... Tens

Answer the following:

a Find the result:

$$\begin{array}{r} 45 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} 27 \\ + 42 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 89 \\ - 53 \\ \hline \end{array}$$

b Complete using (<, = or >):

1  $25 + 12$    $45 - 12$

2  $20 + 5$   Fifty-two

3  $77 - 45$    $20 + 12$

4 4 Tens + 2 Ones  24

c Rania bought a book for 45 LE and a toy for 23 LE.

How much money did she pay?

• She paid =  $\quad + \quad = \quad$  LE.

# Lesson 17

## The Numerical Patterns

الأنماط العددية

To complete numerical pattern:

إكمال النمط العددي

1 Find the rule of the pattern (key) by subtracting any two consecutive numbers.

ابحث عن قاعدة النمط (المفتاح) بطرح أي عددين متتاليين.

2 Find out if the pattern is ascending (+) or descending (-).

أوجد ما إذا كان النمط تصاعدياً (+) أو تنازلياً (-).

3 Complete the pattern.

Ex.



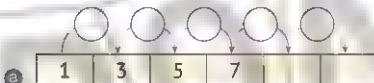
القاعدة  
Rule

+ 2

$$6 - 4 = 2$$

Key مفتاح

1 Complete the following numerical patterns:



Rule



Rule



Rule

# LESSON 7 The Numerical Patterns



Rule



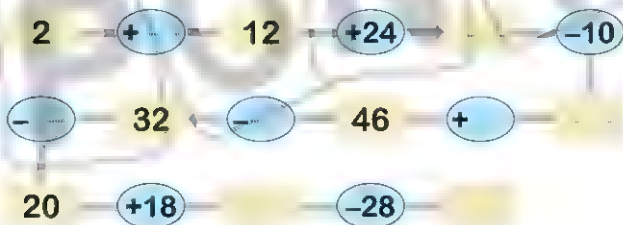
Rule

2 Complete the following table:

	Number	+ 1	- 1	+ 10	- 10
Ex.	68	69	67	78	58

a	45				
b	62				
c	78				
d	26				
e	33				

3 Complete the following:



# HOMWORK



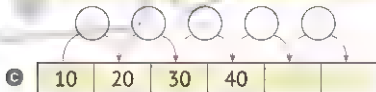
## 1 Complete the following numerical patterns:



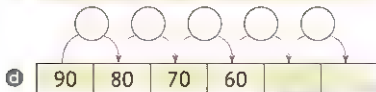
Rule



Rule



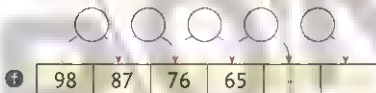
Rule



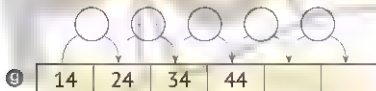
Rule



Rule



Rule



Rule



Rule



## 2 Complete in the same pattern:

a 1, 3, 5, 7, 9, , , ,

b 28, 26, 24, 22, , , ,

c 17, 27, 37, 47, , , ,

d 86, 76, 66, 56, , , ,

e 2, 13, 24, 35, , , ,

f 98, 86, 74, , , ,

g 0, 21, 42, , , ,

h 99, 88, 77, , , ,

## 3 Complete the following table:

	Number	+ 1	- 1	+ 10	- 10
a	75				
b	48				
c	12				
d	27				
e	36				
f	42				
g	57				
h	71				
i	83				

4 Complete the following:

$$15 \rightarrow (+) \rightarrow 25 \rightarrow (+) \rightarrow 36$$

$$8 \leftarrow (-) \leftarrow 38 \leftarrow (+) \leftarrow 24$$

$$+$$

$$10 \rightarrow (+) \rightarrow 37 \rightarrow (-) \rightarrow 17$$

5 Complete the following:

$$4 \rightarrow (+10) \rightarrow \dots \rightarrow (+30) \rightarrow \dots$$

$$\dots \leftarrow (-20) \leftarrow \dots \leftarrow (+11) \leftarrow \dots$$

$$-12$$

$$\dots \rightarrow (+28) \rightarrow \dots \rightarrow (-14) \rightarrow \dots$$



# Worksheet

# 17

Choose the correct answer:

- a 5 Tens + 4 Ones = ( 54 or 45 or 90 )  
 b The **smallest** 2-digit number is ( 10 or 11 or 99 )  
 c 10 **more than** 24 is ( 14 or 34 or 25 )  
 d  $\quad - 24 = 13$ . ( 11 or 34 or 37 )  
 e 50 Ones =  $\quad$  Tens ( 50 or 5 or 15 )

Complete the following:

- a The **place value** of the digit 5 in 57 is  $\quad$ .  
 b  $\quad$  comes just **after** 49.  
 c 12, 23, 34, 45,  $\quad$ ,  
 d  $24 + \quad = 96$   
 e  $\quad$  Tens + 2 Tens = 70

Answer the following:

a Find the result:

1  $45 + 23 =$

2  $37 - 12 =$

3  $20 + 7 =$

b Arrange the following numbers in an ascending order, then complete:

21 , 48 , 76 , 52 , 55

- 1 The order:  $\quad$   
 2 The **greatest** number is  $\quad$ . 3 The **smallest** number is  $\quad$ .

c Nada had 75 LE and she bought a notebook for 32 LE.

Find the remaining money with her.

• Remainder =  $\quad - \quad = \quad$  LE.

# Lesson 18

2-Dimensional Shapes الأشكال ثنائية الأبعاد

3-Dimensional Shapes الأشكال ثلاثية الأبعاد

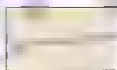
## 2-Dimensional Shapes (2D Shapes)



Triangle



Square

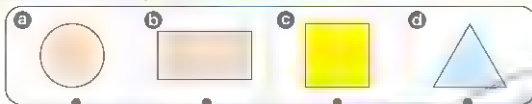


Rectangle



Circle

1 Match each shape to its name:



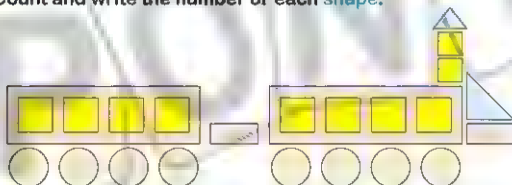
1 Rectangle

2 Triangle

3 Circle

4 Square

2 Count and write the number of each shape:



Shape

Triangle

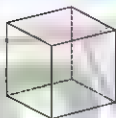
Square

Rectangle

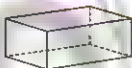
Circle

### 3-Dimensional Shapes (3D Shapes - Solids)

Cube



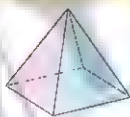
Cuboid



Cylinder



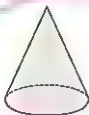
Pyramid



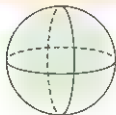
Prism



Cone



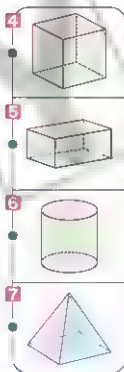
Sphere



3 Match each shape to its name:



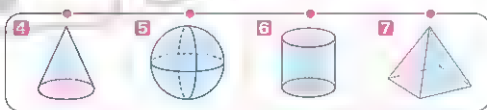
- a Cuboid
- b Cube
- c Cone
- d Prism
- e Pyramid
- f Cylinder
- g Sphere



4 Match each shape to the suitable object(s):



5 Match each shape to the solid(s) that contain(s) it:



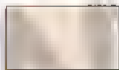
# HOMWORK



Triangle



Square



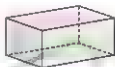
Rectangle



Circle



Cube



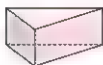
Cuboid



Cylinder



Pyramid



Prism



Cone



Sphere

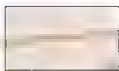
1 Write the **name** of each shape:



a



b



c



d

2 Match each shape to its **name**:



a



b



c



d

1 Rectangle

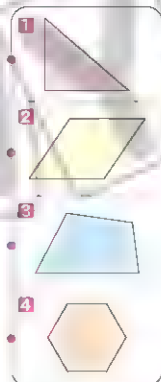
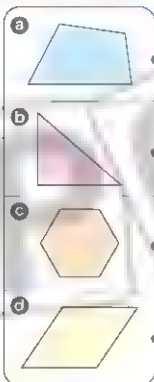
2 Triangle

3 Circle

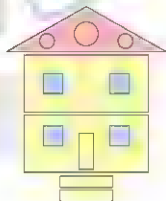
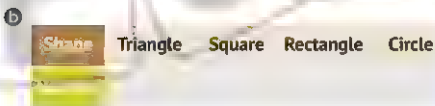
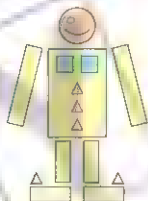
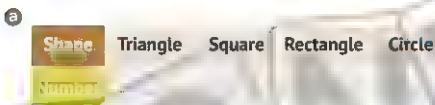
4 Square



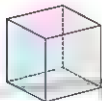
### 3 Match the similar shapes:



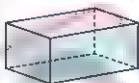
### 4 Count and write the number of each shape:



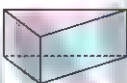
5 Write the **name** of each shape:



a



b



c



d



e



f

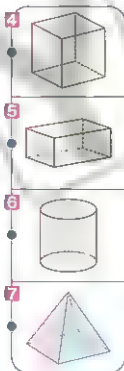


g






















6 Match each shape to its **name**:














- a Cuboid
- b Cube
- c Cone
- d Prism
- e Pyramid
- f Cylinder
- g Sphere



**7** Match each shape to the suitable object(s):

1 	2 	3 	4 	5 	6 	7 
a 	b 	c 	d 	e 	f 	g 
8 	9 	10 	11 	12 	13 	14 

**8** Match each shape to the solid(s) that contain(s) it:

1 	2 	3 	
a 	b 	c 	d 
4 	5 	6 	7 



# Lesson 19

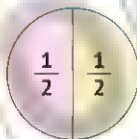
## Fractions (Half, Third and Fourth)

(الكسور (النصف والثالث والرابع)

Fraction in  
Pictures and  
Numbers

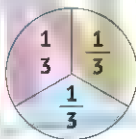
Number of Equal  
Parts

Fraction in  
Words



2 parts

Half/Halves



3 parts

Third



4 parts

Fourth (Quarter)

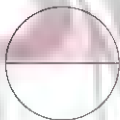
1 Write the fraction of the shaded part in numbers and words:



a

b

c



d

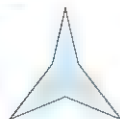
e

f

**2** Divide each of the following shapes into **2** equal parts:



**3** Divide each of the following shapes into **3** equal parts:



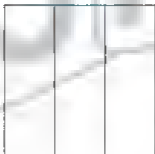
**4** Divide each of the following shapes into **4** equal parts:



**5** Color according to the **fraction**:



$$\frac{1}{4}$$



$$\frac{1}{3}$$



$$\frac{1}{2}$$

# HOMWORK



**1** Write the fraction of the shaded part in numbers and words:



a



b



c



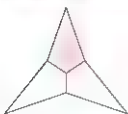
d



e



f



g



h



i



j



k



l



m



n

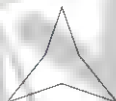


o

**2** Divide each of the following shapes into 2 equal parts:



**3** Divide each of the following shapes into **3** equal parts:



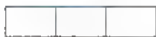
**4** Divide each of the following shapes into **4** equal parts:



**5** Color according to the **fraction**:



$$\frac{1}{4}$$



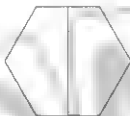
$$\frac{1}{3}$$



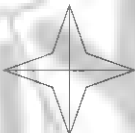
$$\frac{1}{2}$$



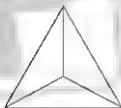
$$\frac{1}{2}$$



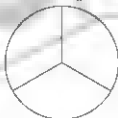
$$\frac{1}{2}$$



$$\frac{1}{4}$$



$$\frac{1}{3}$$



$$\frac{1}{3}$$



$$\frac{1}{4}$$





# Worksheet

# 19

Choose the correct answer:

- a 9 Ones + 7 Tens = ..... ( 97 or 79 or 99 )  
b The **smallest** 2-different-digit number is ..... ( 10 or 12 or 11 )  
c The **place value** of the digit 7 in 73 is ..... ( Ones or Tens or 70 )  
d The number that comes just **after** 79 is ..... ( 78 or 89 or 80 )  
e 5 Ones + ..... = 65 ( 6 or 60 or 65 )



Complete the following:

- a 45, 40, 35, 30, .....  
b The **smallest** number that can be formed from the digits 7 and 3 is .....  
c 5 Tens + 3 Tens = ..... Tens.  
d 74 (in words)  
e ..... - 23 = 32

Answer the following:

a Find the result:

$$\begin{array}{r} 1 \quad 45 \\ + \quad 23 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \quad 72 \\ - \quad 12 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \quad 38 \\ - \quad 30 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \quad 15 \\ + \quad 42 \\ \hline \end{array}$$

b Arrange the following numbers in an ascending order:

25 , 34 , 78 , 21 , 64

c Salma bought a toy for 26 LE. If she had 89 LE, find the remaining money with her.

• Remainder = ..... LE.

# Lesson 20

## Telling the Time

قراءة الوقت

### Digital Clock الساعة الرقمية

04:00

Hours  
الساعات

Minutes  
الدقائق

It's 4 o'clock.

الساعة ٤

### Analog Clock ذات العقارب الساعة

Minutes Hand  
عقرب الدقائق

Hours Hand  
عقرب الساعات



It's 3 o'clock.

الساعة ٣

- 1 Write the time: اكتب الساعة: 2 Draw the hands: ارسم العقارب:



- a It's ... o'clock. b It's ... o'clock. c It's 6 o'clock. d It's 3 o'clock.

- 3 Write the time shown on the clock:

09:00

12:00

05:00

- a It's ... o'clock. b It's ... o'clock. c It's ... o'clock.

- 4 Write the time on the digital clock:

:

:

:

- a It's 2 o'clock. b It's 7 o'clock. c It's 1 o'clock.

# HOMESCHOOL



## 1 Write the time:



a It's \_\_\_\_\_ o'clock.



b It's \_\_\_\_\_ o'clock.



c It's \_\_\_\_\_ o'clock.



d It's \_\_\_\_\_ o'clock.



e It's \_\_\_\_\_ o'clock.



f It's \_\_\_\_\_ o'clock.

## 2 Draw the hands:



a It's **1** o'clock



b It's **3** o'clock.



c It's **5** o'clock.



d It's **8** o'clock.



e It's **10** o'clock.



f It's **12** o'clock.

3 Write the time shown on the clock:



a It's \_\_\_\_\_ o'clock.



b It's \_\_\_\_\_ o'clock.



c It's \_\_\_\_\_ o'clock.



d It's \_\_\_\_\_ o'clock.



e It's \_\_\_\_\_ o'clock.



f It's \_\_\_\_\_ o'clock.



g It's \_\_\_\_\_ o'clock.



h It's \_\_\_\_\_ o'clock.



i It's \_\_\_\_\_ o'clock.

4 Write the time on the digital clock:



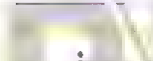
a It's **7** o'clock.



b It's **9** o'clock.



c It's **11** o'clock.



d It's **2** o'clock.



e It's **4** o'clock.



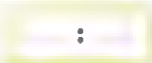
f It's **6** o'clock.



g It's **5** o'clock.



h It's **10** o'clock.



i It's **12** o'clock.



# Worksheet

# 20

Choose the correct answer:

a The **place value** of the digit 6 in 46 is

(Ones ☐ Tens ☐ 6 )

b The **smallest** number that can be formed from the digits 5 and 8 is

( 58 ☐ 85 ☐ 55 )

c The opposite shape is called a  
( cube ☐ cuboid ☐ prism )



d The number 39 comes **just after**

( 38 ☐ 39 ☐ 40 )

e  $\quad - 54 = 23$

( 31 ☐ 77 ☐ 86 )

Complete the following:

a 5 Ones + 7 Tens =

b The **smallest** 2-digit number is

c The **value** of the digit 5 in 58 is

d 7 Tens =  $\quad$  Ones.

e 20, 25, 30, 35,  $\quad$

Answer the following:

a Match:

a  $23 + 14$

b  $20 + 7$

c  $13 + 34$

d  $25 + 21$

1  $89 - 62$

2  $99 - 53$

3  $88 - 51$

4  $49 - 2$

**b** Arrange the following numbers in a descending order:

90 , 19 , 99 , 9 , 91

**c** Choose the correct answer:



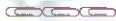
- 1 The cat is \_\_\_\_\_ the bus. (on ☒ under ☐ inside)
- 2 The boy is \_\_\_\_\_ the bus. (behind ☒ outside ☐ inside)
- 3 The girl is \_\_\_\_\_ the bus. (behind ☒ in front of ☐ under)
- 4 The car is \_\_\_\_\_ the bus. (on ☒ behind ☐ in front of)

**d** Measure the length of each of the following objects. Use the  as a unit of length:

1



2



3



4



PONY

# Math



FINAL  
REVISION  
&  
ANSWERS

1

SECOND TERM

By Mohamed Nasreldin



# Contents



## **1 General Exercises**

Pages 3 - 23



## **2 Models**

Pages 24 - 34



## **3 Guide Answers**

Pages 35 - 54



# General Exercises

Choose the correct answer:

1



- a Ahmed is the bus. (inside or in front of or behind)  
 b Salah is the bus. (inside or in front of or behind)  
 c The dog is the bus. (inside or on or under)  
 d The bird is the bus. (on or behind or under)  
 e There are children inside the bus. (1 or 2 or 3)

- 2 The number to the right of 12 is (11 or 13 or 15)  
 3 28 is to the right of (27 or 28 or 29)  
 4 62 is to the left of (61 or 62 or 63)  
 5 The number to the left of 80 is (79 or 80 or 81)  
 6 The number between 45 and 47 is (45 or 46 or 47)  
 7 5 Tens + 3 Ones = (53 or 35 or 8)  
 8 6 Ones + 4 Tens = (64 or 46 or 10)  
 9 Seventy-six (in digits) = (67 or 76 or 77)  
 10 Fifteen (in digits) = (50 or 15 or 55)  
 11 32 = (Thirty-two or Twenty-three or Thirty)

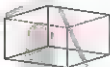
# Find **Revision**

- 12 Seven Tens =                      Ones.                      (7 or 70 or 17)
- 13 20 Ones =                      Tens.                      (2 or 20 or 22)
- 14 4 Tens =                                           (4 or 40 or 14)
- 15 3 Tens + 2 Tens =                      Tens.                      (5 or 50 or 32)
- 16  $10\text{ LE} + 10\text{ LE} + 10\text{ LE} + 5\text{ LE} + 5\text{ LE} + 1\text{ LE} =$                       (41 LE or 36 LE or 60 LE)
- 17 The number that comes just after 39 is                      (38 or 39 or 40)
- 18                      comes just after 78.                      (77 or 78 or 79)
- 19 27 comes just after                      (26 or 29 or 17)
- 20 The number that comes just before 80 is                      (79 or 81 or 70)
- 21                      comes just before 25.                      (24 or 26 or 15)
- 22 62 comes just before                      (61 or 63 or 72)
- 23 49 is one more than                      (48 or 39 or 50)
- 24 90 is 10 more than                      (89 or 91 or 80)
- 25                      is one more than 35.                      (34 or 35 or 36)
- 26                      is 10 more than 47.                      (46 or 48 or 57)
- 27 39 is one less than                      (38 or 40 or 49)
- 28 60 is 10 less than                      (50 or 59 or 70)
- 29                      is one less than 70.                      (69 or 71 or 60)
- 30                      is 10 less than 42.                      (41 or 43 or 32)
- 31  $20\text{ LE} + 10\text{ LE} + 5\text{ LE} + 1\text{ LE} + 1\text{ LE} =$                       LE.                      (10 or 82 or 37)
- 32  $50\text{ LE} + 10\text{ LE} + 10\text{ LE} + 1\text{ LE} =$                       LE.                      (17 or 71 or 80)
- 33 The value of the digit 3 in 73 is                      (3 or 30 or 13)
- 34 The value of the digit 4 in 49 is                      (4 or 40 or 14)
- 35 The value of the digit 9 in 9 is                      (9 or 90 or 99)
- 36 The place value of the digit 2 in 52 is                      (Ones or Tens or 2)

- 37 The **place value** of the digit 8 in 84 is .....  
(Ones or Tens or 80)
- 38 The **place value** of the digit 7 in 7 is .....  
(Ones or Tens or 7)
- 39 The digit 7 is in the **Tens** place in .....  
(57 or 7 or 76)
- 40  $56 = 6 +$  .....  
(5 or 50 or 60)
- 41  $2 + 70 =$  .....  
(27 or 90 or 72)
- 42  $92 <$  .....  
(99 or 29 or 18)
- 43  $56 >$  .....  
(65 or 70 or 50)
- 44 The **greatest** 2-digit number is .....  
(99 or 98 or 10)
- 45 The **greatest** 2-same-digit number is .....  
(99 or 98 or 11)
- 46 The **greatest** 2-different-digit number is .....  
(99 or 98 or 10)
- 47 The **smallest** 2-digit number is .....  
(12 or 11 or 10)
- 48 The **smallest** 2-same-digit number is .....  
(99 or 11 or 10)
- 49 The **smallest** 2-different-digit number is .....  
(98 or 11 or 10)
- 50 The **greatest** number that can be formed from the digits 7 and 3 is .....  
(10 or 73 or 37)
- 51 The **smallest** number that can be formed from the digits 7 and 2 is .....  
(27 or 72 or 9)
- 52  $30 + 20 + 20 =$  .....  
(34 or 7 or 70)
- 53  $20 + 50 =$  .....  
(70 or 52 or 25)
- 54 .....  $- 30 - 40$  .....  
(10 or 70 or 34)
- 55 5 Tens + ..... Tens = 9 Tens. ....  
(40 or 4 or 59)
- 56  $50 +$  ..... = 52 Ones. ....  
(20 or 2 or 22)
- 57  $24 +$  ..... = 35 .....  
(11 or 59 or 77)
- 58 ..... + 14 = 24 .....  
(38 or 10 or 56)
- 59  $45 -$  ..... = 13 .....  
(32 or 58 or 22)
- 60 ..... - 36 = 23 .....  
(12 or 95 or 59)

# Find Revision

- 61 The opposite shape is called a  
(cube or cuboid or cone)



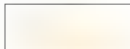
- 62 The opposite shape is called a  
(sphere or circle or cone)



- 63 The opposite shape is called a  
(triangle or prism or pyramid)



- 64 The opposite shape is called a  
(square or rectangle or cube)



- 65 The opposite shape is called a  
(cylinder or sphere or circle)



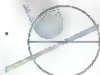
- 66 The fraction that represents the shaded part is  
( $\frac{1}{2}$  or  $\frac{1}{3}$  or  $\frac{1}{4}$ )



- 67 The fraction that represents the shaded part is  
( $\frac{1}{2}$  or  $\frac{1}{3}$  or  $\frac{1}{4}$ )



- 68 The fraction that represents the shaded part is  
( $\frac{1}{2}$  or  $\frac{1}{3}$  or  $\frac{1}{4}$ )



- 69 The time shown on the opposite clock is  
(5 or 6 or 7)

o'clock.



- 70 The time shown on the opposite clock is  
(10 or 11 or 12)

o'clock.



### Complete the following:

#### 1 Look at the drawing, then complete:

- Zeiad is taller than \_\_\_\_\_.
- Zeiad is shorter than \_\_\_\_\_.
- \_\_\_\_\_ is taller than Zeiad.
- \_\_\_\_\_ is shorter than Zeiad.



#### 2 Complete using longer or shorter:

- The pencil is \_\_\_\_\_ than the eraser.
- The pencil is \_\_\_\_\_ than the ruler.
- The eraser is \_\_\_\_\_ than the pencil.
- The ruler is \_\_\_\_\_ than the pencil.



#### 3 Complete using on or under:

- The ball is \_\_\_\_\_ the table.
- The basket is \_\_\_\_\_ the table.
- The table is \_\_\_\_\_ the ball.
- The table is \_\_\_\_\_ the floor.



#### 4 Complete using in front of or behind:

- Ahmed is \_\_\_\_\_ Salah.
- Salah is \_\_\_\_\_ Nada.
- Salah is \_\_\_\_\_ Ahmed.
- Nada is \_\_\_\_\_ Salah.



#### 5 Look at the drawing, then complete:

- There are \_\_\_\_\_ hens inside the cage.
- There are \_\_\_\_\_ hens outside the cage.



**6 Look at the drawing, then complete:**

- a** There are \_\_\_\_\_ monkeys on top of the tree.
- b** There are \_\_\_\_\_ lions at the bottom of the tree.



**7** The number to the **right** of 16 is \_\_\_\_\_.

**8** 23 is to the **right** of \_\_\_\_\_.

**9** \_\_\_\_\_ is to the **right** of 83.

**10** The number to the **left** of 18 is \_\_\_\_\_.

**11** 62 is to the **left** of \_\_\_\_\_.

**12** \_\_\_\_\_ is to the **left** of 50.

**13** 88 is **one more** than \_\_\_\_\_.

**14** \_\_\_\_\_ is **10 more** than 15.

**15** 72 is **one less** than \_\_\_\_\_.

**16** 80 is **10 less** than \_\_\_\_\_.

**17** \_\_\_\_\_ is **10 less** than 42.

**18** The number **between** 25 and 27 is \_\_\_\_\_.

**19** The number **between** 49 and 51 is \_\_\_\_\_.

**20** 7 Ones + 3 Tens = \_\_\_\_\_.

**21** 5 Tens + 9 Ones = \_\_\_\_\_.

**22** 45 Ones = \_\_\_\_\_.

**23** 40 Ones = \_\_\_\_\_ Tens.

**24** 6 Tens = \_\_\_\_\_ Ones.

**25** 5 Tens + 2 Tens = \_\_\_\_\_ Tens.

**26** \_\_\_\_\_ Tens + \_\_\_\_\_ Ones = 78.

**27** \_\_\_\_\_ Ones + \_\_\_\_\_ Tens = 92.

**28** \_\_\_\_\_ Ones = 5 Tens.

**29** \_\_\_\_\_ Ones = 25.

**30** \_\_\_\_\_ Tens = 70 Ones.

31 Tens = 60.

32 Ninety-two = Tens + Ones.

33 Sixty-five = Tens + Ones.

34 75 LE = 50 LE + 10 LE + LE + LE.

35 60 LE = LE + LE.

36 The number that comes just after 79 is .

37 . comes just after 82.

38 50 comes just after .

39 The number that comes just before 26 is .

40 98 comes just before .

41 . comes just before 40.

42 49 comes just before .

43 The value of the digit 8 in 18 is .

44 The value of the digit 5 in 57 is .

45 The value of the digit 3 in 3 is .

46 The place value of the digit 9 in 59 is .

47 The place value of the digit 6 in 64 is .

48 The place value of the digit 6 in 6 is .

49 The greatest 2-digit number is .

50 The smallest 2-digit number is .

51 The greatest 2-different-digit number is .

52 The smallest 2-different-digit number is .

53 The smallest 2-same-digit number is .

54 The greatest 2-same-digit number is .

55 The greatest number that can be formed from the digits 6 and 9 is .

56 The smallest number that can be formed from the digits 7 and 4 is .

57 75 = +

58 68 = 8 +

# Find Revision

59  $50 + 2 =$

60  $7 + 80 =$

61  $50 + 40 =$

62  $20 + 30 + 30 =$

63  $17 + \quad = 39$

64  $\quad + 24 = 67$

65  $86 - \quad = 43$

66  $\quad - 34 = 23$

67  $10, 20, 30, 40, \dots$

68  $83, 73, 63, 53, \dots$

69  $12, 23, 34, 45, \dots$

70  $99, 88, 77, 66, \dots$

Answer the following:

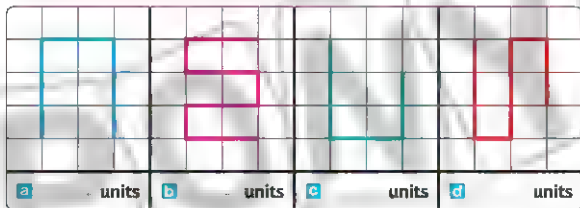
1 Match each picture to its position according to the bus:



- |         |      |               |          |          |
|---------|------|---------------|----------|----------|
| 1 Under | 2 On | 3 In front of | 4 Inside | 5 Behind |
|---------|------|---------------|----------|----------|



- 2 Consider the length of the small square as a unit for measuring length.  
Write the measure of each line under it:



- 3 Color the stripes that have the same length with the same color:


- 4 Calculate the amount of money:

a

$$\begin{array}{r}
 5 \text{ LE} \quad 5 \text{ LE} \quad 5 \text{ LE} \\
 20 \text{ LE} \quad 20 \text{ LE} \quad 20 \text{ LE} \\
 \hline
 1 \text{ LE}
 \end{array}$$

b

$$\begin{array}{r}
 50 \text{ LE} \quad 10 \text{ LE} \\
 10 \text{ LE} \quad 10 \text{ LE} \quad 1 \text{ LE} \\
 \hline
 1 \text{ LE}
 \end{array}$$

c

$$\begin{array}{r}
 5 \text{ LE} \quad 5 \text{ LE} \quad 1 \text{ LE} \quad 1 \text{ LE} \\
 20 \text{ LE} \quad 1 \text{ LE} \quad 1 \text{ LE} \\
 \hline
 1 \text{ LE}
 \end{array}$$

d

$$\begin{array}{r}
 10 \text{ LE} \quad 10 \text{ LE} \quad 1 \text{ LE} \\
 10 \text{ LE} \quad 10 \text{ LE} \quad 5 \text{ LE} \quad 1 \text{ LE} \\
 \hline
 1 \text{ LE}
 \end{array}$$

# Revision

5 Draw according to the amount of money:

a

b

c

d

45 LE.

80 LE.

37 LE.

24 LE.

6 Write the value and place value of the encircled digit:

Number	Value	Place Value
a 6 (7)		
b (9) 6		
c 9 (0)		
d (4) 5		

7 Complete using (<, =, or >):

a 75 < 27

b 45  54

c 36 = 36

d 28  20 + 8

e 56 < 5 + 60

f 72  70 + 20

g 3 Tens + 5 Ones  35

h 5 Ones + 8 Tens  58

i 45 + 23  24 + 44

j 16 + 20  98 - 35

- k**  $25 - 21$        $67 - 21$       **l**  $20 + 30$        $80 - 50$   
**m**  $40 + 5$       5 Tens + 4 Ones      **n** 60 Ones      6 Tens  
**o** The greatest 2-digit number       $75 + 24$   
**p** The smallest 2-same-digit number       $25 - 15$

**8** Arrange each group of the following numbers in ascending and descending order:

**a**      45 , 38 , 79 , 61 , 55

- Ascending order: , , , ,
- Descending order: , , , ,

**b**      60 , 66 , 16 , 6 , 61

- Ascending order: , , , ,
- Descending order: , , , ,

**c**      25 , 5 Ones , 15 Ones , 55 , 5 Tens

- Ascending order: , , , ,
- Descending order: , , , ,

**9** Match:

**a**       $45 + 32$  •

**b**       $24 + 15$  •

**c**       $51 + 37$  •

**d**       $21 + 11$  •

**e**       $56 + 12$  •

**1**      •  $99 - 60$

**2**      •  $87 - 10$

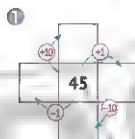
**3**      •  $79 - 11$

**4**      •  $99 - 11$

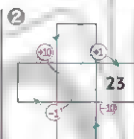
**5**      •  $76 - 44$

**10 Using the 100 Chart:**

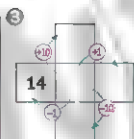
**a** Complete the following:



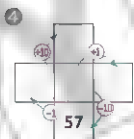
$$\begin{aligned} 45 + 1 &= \\ 45 - 1 &= \\ 45 + 10 &= \\ 45 - 10 &= \end{aligned}$$



$$\begin{aligned} 22 + 1 &= \\ 22 - 1 &= \\ 22 + 10 &= \\ 22 - 10 &= \end{aligned}$$



$$\begin{aligned} 15 + 1 &= \\ 15 - 1 &= \\ 15 + 10 &= \\ 15 - 10 &= \end{aligned}$$



$$\begin{aligned} 67 + 1 &= \\ 67 - 1 &= \\ 67 + 10 &= \\ 67 - 10 &= \end{aligned}$$

**b** Find the result, and draw the **arrows** that show your steps:

①  $12 + 24 =$

32	33	34	35	36	37
22	23	24	25	26	27
12	13	14	15	16	17

②  $6 + 23 =$

25	26	27	28	29	30
15	16	17	18	19	20
5	6	7	8	9	10

③  $21 + 25 =$

41	42	43	44	45	46
31	32	33	34	35	36
21	22	23	24	25	26

④  $97 - 12 =$

93	94	95	96	97	98
83	84	85	86	87	88
73	74	75	76	77	78

⑤  $39 - 24 =$

35	36	37	38	39	40
25	26	27	28	29	30
15	16	17	18	19	20
5	6	7	8	9	10

⑥  $99 - 34 =$

95	96	97	98	99
85	86	87	88	89
75	76	77	78	79
65	66	67	68	69

**11 Draw according to the amount of money, then find the result:**

**a**  $54 + 23 =$

	Tens	Ones
Pounds	→ <input style="width: 30px;" type="text"/>	→ <input style="width: 30px;" type="text"/>
+		
Pounds	→ <input style="width: 30px;" type="text"/>	→ <input style="width: 30px;" type="text"/>
Pounds =	Pounds	

**b**  $25 + 52 =$

	Tens	Ones
Pounds	→ <input style="width: 30px;" type="text"/>	→ <input style="width: 30px;" type="text"/>
+		
Pounds	→ <input style="width: 30px;" type="text"/>	→ <input style="width: 30px;" type="text"/>
Pounds =	Pounds	

c  $86 - 55 =$

Tens		Ones
= <span style="border: 1px solid black; padding: 2px 10px;">Pounds</span>		

d  $75 - 35 =$

Tens		Ones
= <span style="border: 1px solid black; padding: 2px 10px;">Pounds</span>		

12 Draw the Tens as sticks and the Ones as small squares to represent each of the following:

a  $40 + 30 =$

Tens	Ones	Tens	Ones	Tens	Ones
+		=			

b  $25 + 40 =$

Tens	Ones	Tens	Ones	Tens	Ones
+		=			

c  $23 + 14 =$

Tens	Ones	Tens	Ones	Tens	Ones
+		=			

d  $62 + 14 =$

Tens	Ones	Tens	Ones	Tens	Ones
+		=			

# Revision

- 13** Draw the Tens as sticks and the Ones as small squares to represent each of the following:

**a**  $70 - 30 =$

Tens

Ones

**b**  $65 - 24 =$

Tens

Ones

**c**  $57 - 24 =$

Tens

Ones

**d**  $97 - 36 =$

Tens

Ones

- 14** Find the result:

**a**

Tens	Ones
2	5
1	3

**b**

Tens	Ones
3	6
4	2

**c**

Tens	Ones
2	4
1	3

**d**

Tens	Ones
7	3
4	2

**e**

Tens	Ones
6	3
3	0

**f**

Tens	Ones
9	5
7	4

- 15** Find the result:

**a**

$$\begin{array}{r} 35 \\ + 10 \\ \hline \end{array}$$

**b**

$$\begin{array}{r} 48 \\ + 21 \\ \hline \end{array}$$

**c**

$$\begin{array}{r} 16 \\ + 63 \\ \hline \end{array}$$

**d**

$$\begin{array}{r} 27 \\ + 41 \\ \hline \end{array}$$

$$\begin{array}{r} \text{e} \quad 98 \\ - 58 \\ \hline \end{array}$$

$$\begin{array}{r} \text{f} \quad 65 \\ - 13 \\ \hline \end{array}$$

$$\begin{array}{r} \text{g} \quad 43 \\ - 20 \\ \hline \end{array}$$

$$\begin{array}{r} \text{h} \quad 72 \\ - 51 \\ \hline \end{array}$$

$$\text{i} \quad 75 + 14 =$$

$$\text{k} \quad 69 - 35 =$$

$$\text{j} \quad 21 + 7 =$$

$$\text{l} \quad 96 - 5 =$$

**16** Complete the following:

$$\begin{array}{r} \text{a} \quad 45 \\ + \\ \hline 97 \end{array}$$

$$\begin{array}{r} \text{b} \quad \\ + 36 \\ \hline 86 \end{array}$$

$$\begin{array}{r} \text{c} \quad 23 \\ + \\ \hline 46 \end{array}$$

$$\begin{array}{r} \text{d} \quad \\ + 21 \\ \hline 53 \end{array}$$

$$\begin{array}{r} \text{e} \quad 86 \\ - \\ \hline 23 \end{array}$$

$$\begin{array}{r} \text{f} \quad \\ - 12 \\ \hline 43 \end{array}$$

$$\begin{array}{r} \text{g} \quad 74 \\ - \\ \hline 21 \end{array}$$

$$\begin{array}{r} \text{h} \quad \\ - 31 \\ \hline 14 \end{array}$$

$$\text{i} \quad + 23 = 76$$

$$\text{k} \quad - 12 = 45$$

$$\text{j} \quad 52 + = 85$$

$$\text{l} \quad 67 - = 14$$

**17** By using the following items, find:

**T-shirt**



43 LE

**Ball**



14 LE

**Chocolate**



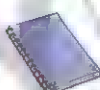
3 LE

**Pack of pencils**



31 LE

**Notebook**



20 LE

**The total price of:**

**a** A T-shirt and a ball =  $43 + 14 = 57$  LE.

**b** A T-shirt and a chocolate =  $43 + 3 = 46$  LE.

**c** A T-shirt and a pack of pencils =  $43 + 31 = 74$  LE.

**d** A T-shirt and a notebook =  $43 + 20 = 63$  LE.

**e** A ball and a chocolate =  $14 + 3 = 17$  LE.

**f** A ball and a pack of pencils =  $14 + 31 = 45$  LE.

**g** A ball and a notebook =  $14 + 20 = 34$  LE.

**h** A pack of pencils and a notebook =  $31 + 20 = 51$  LE.

**i** A pack of pencils and a chocolate =  $31 + 3 = 34$  LE.

**j** A notebook and a chocolate =  $20 + 3 = 23$  LE.

**k** A T-shirt, a ball and a notebook  
=  $43 + 14 + 20 = 77$  LE.





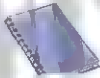

**l** A ball, a notebook and a pack of pencils  
=  $14 + 20 + 31 = 65$  LE.

**m** A T-shirt, a pack of pencils and a chocolate  
=  $43 + 31 + 3 = 77$  LE.

**n** A chocolate, a notebook and a ball  
=  $3 + 20 + 14 = 37$  LE.



## 18 Find the remaining money:

Amount of Money			Item	Remainder
a	50 LE 20 LE 20 LE	1 LE 1 LE 1 LE	 83 LE	$\begin{array}{r} 100 \text{ LE} \\ - 83 \text{ LE} \\ \hline \end{array}$ LE.
b	10 LE 10 LE 10 LE	1 LE 1 LE 1 LE	 15 LE	$\begin{array}{r} 100 \text{ LE} \\ - 15 \text{ LE} \\ \hline \end{array}$ LE.
c	50 LE 20 LE 5 LE		 50 LE	$\begin{array}{r} 100 \text{ LE} \\ - 50 \text{ LE} \\ \hline \end{array}$ LE.
d	20 LE 20 LE 20 LE	5 LE 1 LE	 34 LE	$\begin{array}{r} 100 \text{ LE} \\ - 34 \text{ LE} \\ \hline \end{array}$ LE.
e	50 LE 20 LE	5 LE 5 LE 5 LE	 20 LE	$\begin{array}{r} 100 \text{ LE} \\ - 20 \text{ LE} \\ \hline \end{array}$ LE.
f	50 LE 5 LE	5 LE 5 LE	 45 LE	$\begin{array}{r} 100 \text{ LE} \\ - 45 \text{ LE} \\ \hline \end{array}$ LE.

**19** Nagy bought a pen for 21 LE and a book for 32 LE.

How much money did Nagy pay?

Nagy paid =  $\quad + \quad = \quad$  LE.

**20** Alaa had 68 LE, and she bought candies for 30 LE.

Find the remaining money with Alaa.

Remainder =  $\quad - \quad = \quad$  LE.

**21** Sara had 86 LE. She bought a shirt for 43 LE and a toy for 13 LE.

Find the remaining money with Sara.

She paid =  $\quad + \quad = \quad$  LE.

Remainder =  $\quad - \quad = \quad$  LE.

**22** Complete the following:

12  $\leftarrow + 12 \leftarrow + 34 \leftarrow + 41 \rightarrow$

$\rightarrow - 66$

$\leftarrow + 15 \leftarrow - 13 \leftarrow - 20 \rightarrow$

$\downarrow + 5$

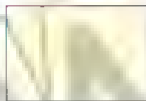
$\leftarrow + 35 \leftarrow - 24 \leftarrow + 20 \rightarrow$

**23** Write the name of each shape:

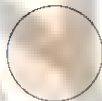
a



b



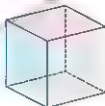
c



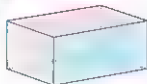
d



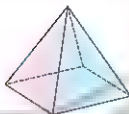
e



f



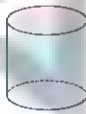
g



h



i



j



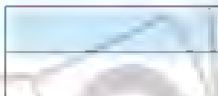
k



# Revision

**24** Write the fraction of the shaded part in numbers and words:

**a**



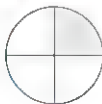
\_\_\_\_\_

**b**



\_\_\_\_\_

**c**



\_\_\_\_\_

**25** Color according to the fraction:

**a**



$$\frac{1}{4}$$

**b**



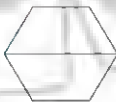
$$\frac{1}{3}$$

**c**



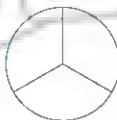
$$\frac{1}{2}$$

**d**



$$\frac{1}{2}$$

**e**



$$\frac{1}{3}$$

**f**



$$\frac{1}{4}$$

## 26 What is the time?

a



It's 12 o'clock.

b



It's 12 o'clock.

c



It's 12 o'clock.

d



It's 10 o'clock.

e



It's 2 o'clock.

f



It's 5 o'clock.

## 27 Draw the hands and write the numbers according to the time:

a



It's 8 o'clock.

b



It's 11 o'clock.

c



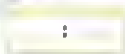
It's 3 o'clock.

d



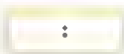
It's 6 o'clock.

e



It's 9 o'clock.

f



It's 12 o'clock.

## Model 1

Choose the correct answer:

- a 8 Ones + 2 Tens = ( 82 or 28 or 88 )
- b  $35 < \dots$  ( 28 or 34 or 36 )
- c The **value** of the digit 5 in 75 is ( 5 or 50 or 15 )
- d  $20 \text{ LE} + 20 \text{ LE} + 1 \text{ LE} + 1 \text{ LE} = \dots \text{ LE.}$  ( 60 or 24 or 42 )
- e The **smallest** 2-digit number is ( 10 or 11 or 12 )

Complete the following:

- a The **place value** of the digit 6 in 68 is  $\dots$
- b  $\dots$  Tens = 80 Ones.
- c The number that comes just **after** 39 is  $\dots$
- d 78 (in words)  $\dots$
- e 0, 2, 4, 6, 8,  $\dots$

Answer the following:

a Find the result:

1  $25 + 32 = \dots$

2  $86 - 12 = \dots$

3  $95 - 25 = \dots$

b Arrange the following numbers in an ascending order:

80, 88, 18, 8, 81

c Write the name of each shape:



1



2



3



4

# Model 2

Choose the correct answer:

- a The **value** of the digit 5 in 25 is . ( 5 or 50 or 15 )  
 b 5 Ones + 7 Tens = ( 57 or 12 or 75 )  
 c  $55 = 5 +$  ( 5 or 50 or 55 )  
 d  $\quad - 24 = 13$  ( 37 or 11 or 55 )  
 e The **smallest** 2-digit number is ( 12 or 10 or 11 )

Complete the following:

- a The **smallest** number that can be formed from 6 and 7 is .  
 b The number that comes just **after** 80 is .  
 c  $\quad$  Tens +  $\quad$  Ones = 72.  
 d 98 , 87 , 76 , 65 , , , .  
 e The fraction of the **shaded** part is .



Answer the following:

a Find the result:

$$\begin{array}{r} 1 \quad 45 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \quad 26 \\ + 73 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \quad 78 \\ + 15 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \quad 56 \\ + 26 \\ \hline \end{array}$$

b Complete using (<, =, or >):

$$1 \quad 66$$

$$45$$

$$2 \quad 5 \text{ Ones} + 4 \text{ Tens}$$

$$54$$

$$3 \quad 80$$

$$8 \text{ Tens}$$

$$4 \quad \text{Seventy-nine}$$

$$97$$

c Complete using on or under:

1 The ball is on the table.

the table.

2 The basket is on the table.

the table.

3 The table is on the ball.

the ball.

4 The table is on the floor.

the floor.



# Model 3

Choose the correct answer:

- a 7 Tens + 2 Tens = ( 72 or 27 or 90 )
- b  $31 = 10 +$  ( 21 or 41 or 30 )
- c 10 more than 35 is ( 36 or 45 or 25 )
- d The number to the left of 80 is ( 81 or 70 or 79 )
- e The value of the digit 8 in 78 is ( 8 or 80 or 18 )

Complete the following:

- a The number between 68 and 70 is
- b  $76 \text{ LE} = 20 \text{ LE} + 20 \text{ LE} + 20 \text{ LE} + 10 \text{ LE} +$  LE + LE.
- c The smallest 2-different-digit number is
- d  $5 \text{ Tens} +$  Tens = 70.
- e The opposite shape is called a



Answer the following :

- a Arrange the following numbers in a descending order :

90 , 19 , 9 , 99 , 91

- b Sara had 78 LE. She bought a shirt for 36 LE.  
Find the remaining money with Sara.

• Remainder = LE.

- c Look at the drawing, then complete:

1 There are hens inside the cage.

2 There are hens outside the cage.





**a** The number to the **left** of 60 is ( 50 or 59 or 61 )

**b** 30 Ones =                      Tens. ( 3 or 30 or 13 )

**c** 29 > ( 30 or 31 or 28 )

**d** 43 -                      = 23 ( 66 or 20 or 75 )

**e** Seventy-one (in digits) =                      ( 71 or 17 or 70 )

- a 13, 23, 33, 43,
- b The number that comes just **after** 35 is
- c Ones + Tens = 63.
- d The **value** of the digit 7 in 67 is
- e The opposite shape is called a



**a**  $24 + 12$

89 - 23 1

**b**  $45 + 21$

78 - 53 = 25

20 + 31

79 - 43 = 36

**d**  $14 + 11$

67 - 16 4



# Model 5

Choose the correct answer:

- a  $74 - \quad = 14$  ( 88 or 60 or 80 )  
 b The value of the digit 3 in 73 is ... ( 3 or 30 or 13 )  
 c ... comes just after 39. ( 38 or 40 or 49 )  
 d 3 Tens + 4 Ones = ... ( 34 or 43 or 70 )  
 e 10 less than 25 = ... ( 35 or 26 or 15 )

Complete the following:

- a The greatest number that can be formed from 2 and 7 is  
 b The largest 2-different-digit number is  
 c  $45 + 23 =$   
 d  $\quad - 27 = 12$   
 e 10 , 15 , 20 , 25 , , , ,

Answer the following:

a Find the result:

- 1  $40 + 5$       4 Ones + 5 Tens      2  $12 + 3$  Tens      15  
 3  $50 + 30$       8 Ones      4  $83 + 12$        $90 + 5$

b Sandy had 86 LE. She bought a book for 23 LE and a pen for 2 LE.

Find the remaining money with Sandy.

- She paid =  $\quad + \quad = \quad$  LE.  
 • Remainder =  $\quad - \quad = \quad$  LE.

c Write the fraction of the shaded part in numbers and words:

1



\_\_\_\_\_

2



\_\_\_\_\_

3



\_\_\_\_\_

# Model 6

**Find the result:**

$$\begin{array}{r} 47 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ + 11 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ - 25 \\ \hline \end{array}$$

$$\begin{array}{r} 78 \\ - 13 \\ \hline \end{array}$$

**Choose the correct answer:**

- a The **greatest** 1-digit number is ( 1 or 99 or 9 )
- b  $40 + 20 =$  ( 42 or 24 or 60 )
- c 40 comes just **after** ( 41 or 39 or 30 )
- d 4 Ones + 3 Tens = ( 43 or 34 or 70 )
- e  $75 -$  = 21 ( 54 or 96 or 87 )

**Complete the following:**

- a The **place value** of the digit 9 in 98 is
- b The **first** day of the week is
- c  $+ 71 = 98$
- d 25 , 35 , 45 , 55 ,
- e Ones + Tens = 73.

**Answer the following:**

- a **Arrange the following numbers in a descending order:**

75 , 56 , 77 , 57 , 65

- b **Look at the drawing, then complete:**

- 1 There are monkeys on top of the tree.
- 2 There are lions at the bottom of the tree.



# Model 7

**First:** Find the result:

a  $75 - 25 =$

b  $42 + 50 =$

c  $68 - 63 =$

d  $32 + 24 =$

**Second:** Complete the following:

a The **value** of the digit 6 in 76 is .....

b The number that comes just **after** 79 is .....

c The **smallest** 2-same-digit number is .....

d 2 Tens + 5 Ones = .....

e 95 , 85 , 75, 65 , .....

**Third:** Answer the following:

a **Complete using (<, =, or >):**

1 9 Tens  $40 + 20 + 30$

2 4 Ones + 7 Tens 47

3  $50 + 7$  Fifty-seven

4  $23 + 15$  89 - 51

b Ahmed had 87 LE. He bought a ball and a notebook.  
Find the remaining money with Ahmed.

Ball

Notebook



• Ahmed paid = ..... + ..... = ..... LE.

• Remainder = ..... - ..... = ..... LE.

14 LE

20 LE

c **Write the time:**

08:00



1 It's ..... o'clock.

2 It's ..... o'clock.

3 It's ..... o'clock.

# Model 8

**First:** Find the result:

a 
$$\begin{array}{r} 86 \\ - 73 \\ \hline \end{array}$$

b 
$$\begin{array}{r} 24 \\ + 35 \\ \hline \end{array}$$

c 
$$\begin{array}{r} 55 \\ - 42 \\ \hline \end{array}$$

d 
$$\begin{array}{r} 76 \\ - 21 \\ \hline \end{array}$$

**Second:** Complete the following:

- a The **greatest** number that can be formed from 6 and 8 is .....
- b The **place value** of the digit 9 in 79 is .....
- c ..... Ones + ..... Tens = 72.
- d ..... comes just **before** 60.
- e ..... - 24 = 41

**Third:** Answer the following:

a **Complete using (<, =, or >):**

1  $52 + 13$   $60 + 5$

2 24 Ones 3 Tens

3  $70 + 6$   $6 + 70$

4 3 Tens + 8 Ones 83

b **Arrange the following numbers in an ascending order, then answer:**

75 , 28 , 12 , 32 , 45

- 1 Ascending order: .....
- 2 The **greatest** number is .....
- 3 The **smallest** number is .....
- 4 The **sum** of the greatest and smallest numbers  
= ..... + ..... = .....
- 5 The **difference** between them = ..... - ..... = .....

# Model 9

**First:** Find the result:

a  $55 - 20 =$  .....

c  $86 - 33 =$  .....

b  $24 + 52 =$  .....

d  $72 + 14 =$  .....

**Second:** Complete the following:

a 8 Tens + 3 Ones = .....

c The opposite shape is called a .....

d 69 (in words): .....

e The number **between** 29 and 31 is .....

b  $57 -$  .....  $= 24$



**Third:** Answer the following:

a **Complete using** (<, =, or >):

1  $40 + 2$  ..... 4 Ones + 2 Tens

2  $52 + 23$  ..... 75

3  $75 - 23$  ..... 98 - 73

4 80 ..... 8 Ones

b **Color according to the fraction:**



$$\frac{1}{4}$$



$$\frac{1}{3}$$



$$\frac{1}{2}$$

c **Calculate the amount of money:**

1

5 LE	5 LE	5 LE
20 LE	5 LE	5 LE

Tens      Ones

.....	.....
-------	-------

..... + ..... = ..... LE.

2

50 LE	10 LE	1 LE	1 LE
10 LE		1 LE	1 LE

Tens      Ones

.....	.....
-------	-------

..... + ..... = ..... LE.

# Model 10

**First:** Find the result:

a  $89 - 27$

b  $65 - 55$

c  $23 + 26$

d  $34 + 65$

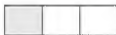
**Second:** Complete the following:

a The number that comes just after 29 is .....

b The place value of the digit 9 in 93 is .....

c ..... Ones + ..... Tens = 93.

d The fraction of the shaded part in the opposite shape is .....



e  $52 - \dots = 30$

**Third:** Answer the following:

a Complete using (<, =, or >):

1  $75 - 32$  .....  $24 + 10$

2 6 Tens + 4 Ones ..... 64

3  $5 + 60$  .....  $50 + 6$

4 20 LE + 5 LE + 1 LE ..... 62 LE

b Write the greatest and smallest numbers that can be formed from the digits 3 and 5, then find their sum:

1 The greatest number is ..... 2 The smallest number is .....

3 Their sum = ..... + ..... = .....

c Nada has 68 LE, and her sister, Mona, has 35 LE.

Find the difference between their money.

• The difference = ..... - ..... = ..... LE.